

2

LEXSYS

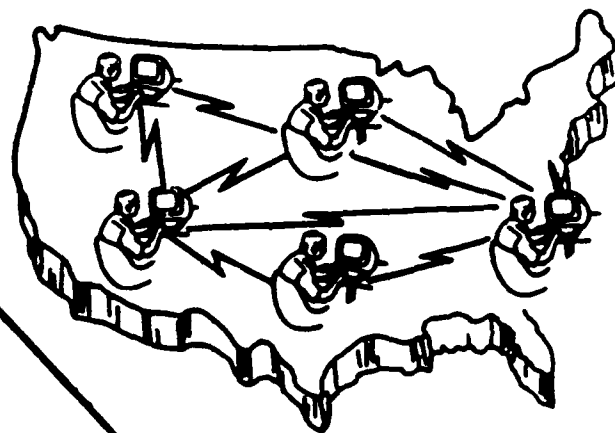
Living Expert System

AD-A210 993



ARMY SENIOR
LEADER DECISION
MAKING TOOL FOR
THE 90s

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FLEETE
AUG 09 1989
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U.S. ARMY WAR COLLEGE
CARLISLE BARRACKS, PA 17013-5050

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VOL. V
021

UNCLASSIFIED

VOLUME V

USAWC MILITARY STUDIES PROGRAM GROUP PAPER

LIVING EXPERT SYSTEM

(LEXSYS) .

A GROUP STUDY PROJECT

by

Colonel John C. Maher
Lieutenant Colonel Robert B. Bailey
Lieutenant Colonel Richard T. Cruz
Lieutenant Colonel Richard M. Graves
Lieutenant Colonel William E. Mathews

Colonel Richard A. Pomager, Jr.
Project Advisor



U.S. Army War College
Carlisle Barracks, Pennsylvania 17013
15 April 1989

UNCLASSIFIED

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VOLUME V

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- responsibility, the commander
program for the world.
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LIVING EXPERT SYSTEM

APPENDIX E

AWC "TERM" SOFTWARE INSTRUCTIONS

MODEM TELECONFERENCING

LOG ONTO WORD PROCESSING SYSTEM AT ROOT HALL (WYSE SYSTEM)
Q-OFFICE MAIN MENU, HIGHLIGHT "MODEM COMMUNICATION"
MODEM OPERATION MENU, HIGHLIGHT "TELNET via TERM" (DEFAULT)
(PATIENTLY WAIT FOR THE BLINKING CURSOR TO STOP AT @)
@-ENTER "c 313202"
WHICH HOST? ENTER "wu"
#-ENTER "signon" and "your user logon id #"
?-ENTER "your unique password"

----conduct teleconferencing session----

DO NEXT> ENTER "QUIT"
@-DEPRESS "F1" KEY
HIGHLIGHT "HANG UP"
HIGHLIGHT "YES" (DEFAULT)
HIGHLIGHT "QUIT"
HIGHLIGHT "YES" (DEFAULT)
DEPRESS "CANCEL" KEY ONCE TO RETURN TO WORD PROCESSING MENU
DEPRESS "CANCEL" KEY ONCE MORE TO LOG OFF THE SYSTEM

DOWNLOADING WITH "TERM" SOFTWARE

DOWNLOADING PROCEDURES

DO NEXT> DEPRESS "F5" KEY PRIOR TO TEXT TO BE DOWNLOADED
ENTER APPROPRIATE COMMAND TO READ OR VIEW TEXT
"Capture ON file: Capt00.fil" FLASHES ONCE ON SCREEN, TOP LEFT
DO NEXT> ENTER APPROPRIATE COMMAND TO READ OR VIEW TEXT

DO NEXT> DEPRESS "F5" KEY TO TERMINATE DOWNLOAD
"Capture OFF file: Capt00.fil" FLASHES ONCE ON SCREEN, TOP LEFT

CONVERT TEXT TO INTERNAL DATA

WORD PROCESSING MENU, HIGHLIGHT "SUPERVISORY FUNCTIONS"
SUPERVISORY FUNCTIONS MENU, HIGHLIGHT "CONVERT A FILE"
FILE CONVERSION MENU, HIGHLIGHT "EXTERNAL FILE TO DOCUMENT"
ENTER EXTERNAL FILE TITLE "capt00.fil"
ENTER INTERNAL TEXT TITLE "capt00.fil.int"

TELECONFERENCING WITH "TERM" SOFTWARE

UPLOADING WITH "TERM" SOFTWARE*

CONVERT DATA TO EXTERNAL TEXT

WORD PROCESSING MENU, HIGHLIGHT "SUPERVISORY FUNCTIONS"
FILE CONVERSION MENU, HIGHLIGHT "DOCUMENT TO EXTERNAL FILES"
ENTER DOCUMENT TEXT NAME "_____"
ENTER EXTERNAL FILE NAME "_____.ext"
DEPRESS "CANCEL" TO RETURN TO DESIRED MENU

EDITING EXTERNAL TEXT

ENTER SECONDARY NET BY "!" (SHIFT #1)
\$ ENTER "vi and name of external document"
DEPRESS "d" TO REDUCE LINES BEFORE TEXT
ENTER :\$ AT FLASHING CURSOR
DEPRESS "dd" TO REDUCE LINES FROM PAGE END TO TEXT END
DEPRESS "ZZ" (SHIFT ZZ) TO RETURN TO \$
\$ DEPRESS CONTROL "d" TO RETURN TO WORD PROCESSING MENU

UPLOADING PROCEDURES

DO NEXT> ENTER "t"
ENTER YOUR MESSAGE
>ENTER ":@" AND CARRIAGE RETURN
SEND YOUR TEXT TERMINATE WITH \$ENDFILE**
DEPRESS "F1" KEY
HIGHLIGHT "Xfer"
HIGHLIGHT "LineByLine"
FILE NAME: "enter external file name for upload"
.....
(Patiently wait for upload procedure)
DEPRESS CARRIAGE RETURN
DEPRESS "CONTROL D" KEY

NOTES:

HAVE PATIENCE WITH A BLINKING CURSOR. WAIT FOR THE SOFTWARE
DEPRESS "RETURN" KEY AFTER EACH COMMAND ABOVE
DEFAULT SPECIFIES CORRECT COMMAND HIGHLIGHTED, DEPRESS "RETURN"
DEPRESS FUNCTION KEY "F1" FOR COMMAND MENU; "F2" FOR HELP
FILES ARE STORED FOR EACH "F5" KEY ACTIVATION--00, 01, 02..etc
*CONVERT FILES TO EXTERNAL TEXT AND EDIT PRIOR TO UPLOAD
**\$ENDFILE COMMAND IS NOT USED

LIVING EXPERT SYSTEM

APPENDIX F

TELECONFERENCING TRAINING PACKAGE

AWC '89 (lexsys-tng)

MEMORANDUM FOR: Students, AWC '89

SUBJECT: Living Expert System (LEXSYS) Training Package

1. The enclosed training package, coupled with coaching assistance and individual participation, will enable you to become conversant with the Army War College teleconferencing software. With a very minimal investment in time, you will be able to in the Living Expert System (LEXSYS) Military Studies Project. Further, you will be able to enhance your military career through the use of Army teleconferencing on Forum Net.
2. As you become familiar with the teleconferencing system, please feel free to provide critical comments to the LEXSYS team on the adequacy of these instructions. We plan to refine them prior to the MSP submission based on your experiences.
3. Your telecommunications Logon Id is: _____, and the password is: _____. Your training sponsor is: _____, student box # _____, study room: C318. Please contact him whenever assistance is desired.
4. The following information is provided in this training package for your use:
 - a. Teleconferencing with "term" software
 - b. Quick Reference Card for Confer II
 - c. Commonly Used Commands
 - d. US Army Forum instruction sheet
 - e. Letter, DACS-DMF, subject: Welcome to U.S. Army Forum
 - f. FORUMNET Subnet List
 - g. AUTONET/TELENET/TYMNET Telephone Access List
 - h. The Beginner's Guide to Confer II
 - i. Silent 700 Procedures (as required)
5. Your interest in Army teleconferencing and support of our LEXSYS MSP study team is sincerely appreciated. We firmly believe that teleconferencing can enhance the senior leadership decision making process. Your interest in our project will help demonstrate the practicality and manageability of LEXSYS.

WILLIAM E. MATHEWS
Lieutenant Colonel, AG
LEXSYS MSP Team

TELECONFERENCING WITH "TERM" SOFTWARE

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TELECONFERENCING WITH "TERM" SOFTWARE

UPLOADING WITH "TERM" SOFTWARE*

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UPLOADING PROCEDURES

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DEFAULT SPECIFIES CORRECT COMMAND HIGHLIGHTED, DEPRESS "RETURN"
DEPRESS FUNCTION KEY "F1" FOR COMMAND MENU; "F2" FOR HELP
FILES ARE STORED FOR EACH "F5" KEY ACTIVATION--00, 01, 02..etc
*CONVERT FILES TO EXTERNAL TEXT AND EDIT PRIOR TO UPLOAD
**\$ENDFILE COMMAND IS NOT USED

The Quick Reference Guide
for
Confer II[®]

Advertel Communication Systems Inc.
2067 Ascot
Ann Arbor MI 48103
(313) 665-2612

AUTOVON

Participants may also access the system via the AUTOVON through the Army Switch. To do this, have your local autovon operator access the switch in the Pentagon (AV 225-0441), then ask for 265-1088 (which is the DC Merit Node). This will connect you directly into Merit. Follow the procedures for "DC Merit Node." You may have to experiment to determine the best time to access Forum, that is, when communication traffic is not at its peak and your connection is not competing with other priorities for the lines.

800 NUMBER

An 800 number is available if required. It is the most expensive method to access Forum (\$23 per hour per connect time). Contact your Net Organizer if you think this is the only alternative for you to gain entry into the system.

GETTING HELP

Below is a list of alternatives to get help:

1. The Beginner's Guide to Confer II is the most comprehensive source of information for the new Forum participant. It presents information about setting up your terminal, accessing the host computer, registering in your subnet, and using the basic commands contained in this brochure. It also provides more detailed information about additional commands, uploading text, and editing text.

2. On-line help is available:

- Enter a question mark at any Confer II prompt to see the options available at that point.
- To get help with a specific command, enter its name at DO NEXT? followed by a space and a question mark.
- To get the help tutorial, enter HELP at the DO NEXT? prompt.
- ENTER a public discussion item to use fellow participant expertise.
- TRANSMIT a private message to your Net Organizer.

3. Contact your Net Organizer at the phone number listed on the front of this brochure or by using the private message facility of the software.

4. Local "coaches" (someone that is at your location that is already familiar with Confer II) may be sought if you would like some desk-side assistance. Contact your Net Organizer.

5. Contact the Forum Office if you have exhausted all possibilities or do not know where to turn for assistance. You may call or use the private message facility.

6. Customer Service assistance is available for each of the commercial communication services that Forum participants use to access the system. If you have a question about one of these services call the appropriate service listed below:

AUTONET	800-521-2733
TELENET	800-336-0437
TYMNET	800-336-0149

Any further problems regarding communications, contact:
MERIT Customer Service 313-764-9423

If you have a question about the status of the computer, contact:
WU NETWORK CONTROL 313-577-4746



US ARMY FORUM



PARTICIPANT NAME _____

LOGON ID _____

PASSWORD _____

FORUM SUBNET _____

NET ORGANIZER _____

PHONE _____

HEADQUARTERS, DEPARTMENT OF THE ARMY
ATTN: CSDS-FM
WASHINGTON, DC 20310-0200

AV 225-8029
(202) 695-8029

The Quick Reference Card

for

Confer II

Advertel Communication Systems, Inc.
2087 Ascot
Ann Arbor MI 48103
(313) 988-2812

User Name:

User Signon ID (acid):

Initial Password:

[Use C PASSWORD to change your pw]

Host:

Home Conference:

Local dial-in number:

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Confer II is the registered trademark of Advertel Communication Systems Inc.

SUMMARY OF CONFER II COMMANDS

GENERAL COMMANDS

IF YOU WANT TO:	TYPE THIS
Sign on to system	SIG cold
Sign off and leave network	QUIT
Read new messages, items, and responses	NEW
As above but w/o prompts	NEW PASS
Leave a note to yourself	NOTE
Pause current text	Ctrl-S
Resume text after pause	Ctrl-Q
Abort current text	Ctrl-E

COMMANDS FOR MESSAGES

IF YOU WANT TO:	TYPE THIS
Transmit a new message	T
Transmit an "alert" message	T ALERT
Read new messages	M NEW
Read your 1st new message	M
Read a particular message	M message#
See list of new messages	M SCAN
See list of all messages	M HEADERS
See list in reverse order	M REVERSE

COMMANDS FOR ITEMS AND RESPONSES

IF YOU WANT TO:	TYPE THIS
Read all items	I ALL
Read new items	I NEW
Mark new items as seen	I NEW "DUMMY"
Read new items w/o prompts	I NEW PASS
Read a particular item	I item#
Read specified items	I 1-4,7,9
Read specified items in the reverse order	I 1-4,9 REVERSE
Enter a new item	E
Enter item "exactly" (does not reformat)	E EXACT
Read new responses	R NEW
Enter a new response	R item# RESPOND
Enter Response "exactly"	R EXACT

SUMMARY OF CONFER II COMMANDS

COMMANDS FOR HOW TO GET HELP

IF YOU WANT TO:	TYPE THIS
See explanation at any prompt	?
See explanation of a specific command	command ?

COMMANDS FOR SUMMARY INFORMATION

IF YOU WANT TO:	TYPE THIS
Read summaries for all items	SUM ALL
Read summaries for starred items	SUM *
Read summaries for selected items	SUM 1-4,7.
Read summaries for all new items	SUM NEW
Read summaries which contain a given text	SUM "text"

COMMANDS TO CHANGE SOMETHING

IF YOU WANT TO CHANGE:	TYPE THIS
Your password	C PASSWORD
Your self introduction	C INTRO
Your phone	C PHONE
Your name	C NAME
Text of an item	C TEXT
One of your responses	C RESPONSE
Title of an item	C HEADER
COMMANDS FOR SEARCHING	
IF YOU WANT TO:	TYPE THIS
Find which items contain a specified text	FIND "text"

SUMMARY OF CONFER II COMMANDS

COMMANDS FOR BULLETINS

IF YOU WANT TO:	TYPE THIS
Post a public bulletin	B
Read all old bulletins	B ALL
Read bulletins in reverse order	B ALL REV
Change or delete a bulletin	C BULLETIN

COMMANDS FOR DESCRIPTOR INFORMATION

IF YOU WANT TO:	TYPE THIS
Read descriptors for all items	D ALL
Read descriptors for starred items	D *
Read descriptors for selected items	D 1-4,7,9
Read descriptors for all new items	D NEW
Read descriptors which contain a given text	D "text"

COMMANDS FOR USING THE INDEX

IF YOU WANT TO:	TYPE THIS
See index categories	IN
See full index listing	IN ALL
See full index listing for specified items	IN ALL 7,9
See list of items in particular category	IN category
See list of items entered by a particular person	IN name
See index with headers for all items	IN ALL HEAD

SUMMARY OF CONFER II COMMANDS

COMMANDS FOR CONFERENCES

IF YOU WANT TO:	TYPE THIS
Join another conference	J conference
Check on new activity in all your conferences	CHECK ALL
Create or change your conference checklist	C CHECKLIST
Check on all conferences in your checklist	CHECK
After CHECK, join next conference with new activity	J

COMMANDS ON PARTICIPANTS

IF YOU WANT TO SEE:	TYPE THIS
Who is online in this conference	P *
Who has been on recently (Interrupt with Ctrl-E)	P RECENT
Names of participants	P
Names and brief intros	P ALL
Info on member	P name
Who has seen an item	Q SEEN item

COMMANDS FOR MEETINGS

IF YOU WANT TO:	TYPE THIS
Create a meeting	MEET
Join a meeting	J meeting
Enter something in meeting	TALK
Review previous entries	REVIEW
Find meeting entries with specified text	REVI "text"

HOW TO REDUCE DISK SPACE COST

Follow the sequence below to reduce your message file.

Enter the following responses at the DO NEXT? prompt:

M HEADER

You see a list of the headings and numbers of all messages in your file. Note those you want to keep, then type:

CHANGE MESSAGEFILE
DELETE

You will specify a range of messages to be deleted. You may have to do this step more than once. After deleting your messages, you can renumber the ones remaining. To do this, type:

CHANGE MESSAGEFILE
RENUMBER

The final and most important step is to activate the SHRINK. This actually shrinks and cuts back the number of disk pages that you have in your file and is the final step in reducing disk space costs. To SHRINK your message file, type:

CHANGE MESSAGEFILE
SHRINK

In general, you should avoid storing old messages in your message file.

The information contained in this card is a partial description of the commands available in Confer II. AdverTel reserves the right to change Confer II at any time without notice.

The following list provides you with some of the more commonly used commands:

IF YOU WANT TO:	ENTER THIS:
Read new messages	M NEW
Read new items	I NEW
Read new responses	R NEW
Transmit new messages	T
Enter new public item	E
Pause current text	Control-S
Resume text after pause	Control-Q
Abort current text	Control-E
Log off & leave network	QUIT
See titles of new items	D NEW
Read new items	I NEW
Read new items w/o prompt to RESPOND, FORGET, PASS?	I NEW PASS
Read new responses	R NEW
Read a particular item	I (number)
Enter a new item	E
Enter a new response	R (item #)

A MENU FOR CONDUCTING SEARCHES:

IF YOU WANT TO:	ENTER THIS:
Find which items contain a specified string of characters example:	FIND "XXXXX" FIND "leadership"
Find which items contain both "XX" & "YY"?	FIND "XX&YY"

IF YOU WANT TO CHANGE NAME, SSN, INTRO

To Change any of the above	CHANGE (NAME)
----------------------------	---------------



DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, D. C. 20310

DACS-DMF

MEMORANDUM FOR NEW PARTICIPANT

SUBJECT: Welcome to the U.S. Army Forum

1. It is a pleasure to welcome you to the U.S. Army Forum, a computer based teleconferencing system for providing the Army with geographically dispersed, multi-disciplinary teams capable of rapidly integrating the flow of critical information in order to enhance the Total Army Mission. I encourage your active participation in this process of idea interchange for addressing solutions to important Army issues.
2. As a Forum participant, you will also be a member of the larger talent bank which includes all participants on all conferences. You will enter your conference through the ARMY:ENTRY. The purpose of ARMY:ENTRY is twofold. First, it will be the gateway to the rest of the U.S. ARMY FORUM subnets. Second, since all participants will enter the Forum thru ARMY:ENTRY, we will be able to capture the expertise profiles of every person in the Forum. You will have the benefit of knowing the subject matter expertise and interest of every one of your colleagues or associates in the Forum. Through the resource of ARMY:ENTRY, you may find participants with solutions and new ideas about your subject area who may otherwise not be accessible to you. Furthermore, I ask that you encourage a sense of community among all participants of the Forum.
3. Please include the following in the text of your brief introduction when you enter ARMY:ENTRY:
 - a. Your complete address (office symbol and post/installation)
 - b. City, state, zip code
 - c. AUTOVON telephone number
 - d. Commercial telephone number
 - e. Make and model of equipment(s) you will use to access FORUM
 - f. Access you will use (telenet, autonet, tymnet, FTS, 800#, DDN)
 - g. Expertise you will bring to FORUM
4. It is critical that you include this information in your introduction in order to ensure that a complete profile is entered on the system for reference by anyone else in the talent bank. Before logging on the first time, write down the answers to these items so that you will be ready to enter a complete introduction when the system prompts you.

DACS-DMF

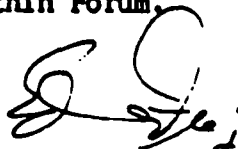
SUBJECT: Welcome to the U.S. Army Forum

5. ARMY:ENTRY will be used for registering participants' profiles only. If anyone has an item that they would like the entire community of Forum to review and discuss, it should be entered on the ARMY:FORUMNET. ARMY:FORUMNET will be the discussion net for the Forum community and will be included in your checklist to keep you informed of new activity there. I encourage you to JOIN ARMY:FORUMNET during your first Forum session for more information about the purpose of Forum and implementation of the talent banking concept. Every participant is automatically permitted access to ARMY:FORUMNET, however; you must register as a participant to have new activity listed in the "CHECK ALL" each time you access the system.

6. In order to keep you moving thru ARMY:ENTRY to activity in the other nets in which you are participating, the software has been set up to provide you with a "CHECK ALL" of all activity in those nets automatically and subsequently take you to your home net when you issue the "J" or "JOIN" command at the DO NEXT? prompt.

7. I hope you will find it an interesting challenge and a means by which your innovative and creative thoughts can be expressed and introduced to others with the express purpose of working towards an Army of Excellence. If you have any questions or require further information contact your Net Organizer, whose name and phone number is listed on the enclosed Pocket Reference Guide.

8. Again, welcome and if you still have questions, please do not hesitate to contact Ms. Mary George or myself, AV225-8029 or commercial 202-695-8029. You may also send either one of us a message within Forum.



EDMUND F. FEIGE
Lieutenant Colonel, GS
Director, U.S. Army Forum
Management Directorate

Enclosures:

1. Pocket Reference Guide
2. Commercial Access Numbers
3. User's Guide
4. A List of Helpful Commands
5. Current Subnet List

FORUMNET SUBNET LIST

This list is to provide current status of subnets on the Army Forum system.

ARMY:ENTRY The gateway to all US Army Forum subnets. All participants will enter the Forum through ARMY:ENTRY. This net has been established for the purpose of gathering information required by Headquarters, Information Systems Command and for capturing expertise profiles of each person signing onto the system. ARMY:ENTRY provides a central listing of all Forum participants which is accessible by all participants of the system.

ITEMS WILL NOT BE ENTERED ON ARMY:ENTRY.

ARMY:FORUMNET A general purpose discussion subnet which allows any participant to enter items for discussion. Everyone on the Army Forum is permitted access to this net.

ARMY:FORUMTNG A net established for all users of the Army Forum system who would like to practice entering items, uploading, etc. The net has no relevance to ongoing discussions and is FOR TRAINING PURPOSES ONLY.

NAME OF SUBNET	PROPONENT AGENCY/ NET ORGANIZER(S)	PURPOSE
ARMY:AACONET	TRADOC MAJ Randolph Simmons AV 552-4433 (913) 684-4433	Discussion of Army's immediate future needs in regard to Airborne/Airlift doctrine, organization, training & materiel
ARMY:ACTEDSNET	USTAPA Ms. Beth Jones AV 221-8721 (202) 325-8721	Discussion of informal staffing of training & development relating to the Army career Program
ARMY:AFLNET	DCSPER Ms Shauna Whitworth AV 225-7714 (202) 695-7714	Discussion of Army family issues
ARMY:AINET	OCSA LTC A. Anconetani CPT Bob Kazimer AV 224-6912	Enhance staffing of ideas, concepts, issues & actions associated with the aims of the Artificial Intelligence Program

ARMY:AMMONET	AMC Mr. Earl McLain AV 746-9177 (205)876-9177	Discussion of ammunition issues facing the Army & requirements of future battlefields.
ARMY:AMMSNET	MAJ Greg Potts AV 224-0313 Mr. Philip Brodowski (703)274-9751/52 Mr. Jay Graver AV 745-3925	Development of Acquisition Mgmt Milestone System documentation updates, policies & the FCG Charter
ARMY:AOENET	DCSPER LTC Paul Booton AV 225-6432	Discussion of issues related to Army of Excellence reorganization & automation efforts
ARMY:ALB/FUTURES	TRADOC MAJ Wm. Marshall AV 552-4901	Permit the interchange of ideas for evaluating concepts which will be used in the Army 21 Concept Study
ARMY:ATTNET1	DCSPER Dr. Ruth Phelps FTS 554-9390 (208)334-9390	Manage conduct of an experimental training program to evaluate the application of the asynchronous teleconferencing technology for Army Officer & NCO training
ARMY:BNCDR	DCSPER LTC Bill Knowlton AV 227-6853 (202)697-6853	DCSPER/ARI leadership assessment project
ARMY:CIDLABNET	HQ USACIDC Mr. John Faes AV 797-7266/68 (404)362-7266/68	To provide communication linkage for the three crime laboratories (Ft Gillem, GA, Frankfurt, GE & Camp Zama, Japan)
ARMY:CIVPERNET	DCSPER LTC Bill Jersey Mr. Mike Finnegan AV 227-1049/1153 (202)697-1049/1153	Discussion of civilian personnel issues to support Civilian Personnel Modernization Project
ARMY:COASTNET	COE,WRSC Mr. Jay Lockhart Mr. Jerry Greener (202) 355-2305	Exchange of information regarding the Corp's Coastal Engineering Program
ARMY:COHORT	DCSPER LTC Ray Gannaway AV 225-1902 (202)695-1902	To provide action officers in the cohort arena an exchange of information relating to implementation & sustainment of the Unit Manning System

ARMY:CONCEPT	TRADOC LTC Steve Fitzgerald CPT Adolph Ernst AV 552-5270 (913) 684-5270	Discussion of information, issues & developments as they relate to meeting the Army's need for operational concepts
ARMY:DATAMGTNET	ACSIM Ms. Connie Leonard AV 225-1671 (202) 695-1671	Discussion to enhance staffing of data management concept, issues & actions
ARMY:DPCA	USASSC LTC Steve Proctor AV 699-4771 (313) 542-4771	Discussion net topics related to DPCA issues
ARMY:DREDGENET	COE, WRSC Mr. Chuck Hummer Mr. Jerry Greener (202) 355-2305	Discussion of Corps' Dredging Program
ARMY:EDNET	HQDA Mr. Dick McLean AV 221-9802/9800 (703) 325-9802/9800	To provide rapid info exchange of issues, and to obtain MACOM input on ACES & CP-31 items, maximizing educational opportunities for soldiers Army-wide.
ARMY:ENGRFORCNET	USA Engineer Schl LTC Tom Farewell AV 354-2382 (202) 664-2382	Discussion of integration of engrs within the combined arms forces at the tactical & operational level of war
ARMY:EXCELNET	TRADOC MAJ Neil Buono LTC Dennis Kennedy AV 552-2384 (913) 684-2384	Discussion of investigating & sharing information on leadership
ARMY:FINET	DCSOPS MAJ Frederick Lee AV 224-0461 (202) 694-0461	Discussion of force integration issues. Refocus of FORCEMOD
ARMY:HISTORYNET	OCMH Mr. Bill Arthur AV 285-0294/1279 (202) 272-0294/1279	Discussion for the military history community to address & share historical information
ARMY:INSTNET	CPT Greg Bradner AV 680-2729	Exchanging information concerning Reserve Component Training among representatives of schools & institutions

ARMY:IROQUOIS	98th Div (Tng) LTC Stan Chorazy FTS 716-338-7400	98th Div Command & Control Net
ARMY:JFDPNET	DCSOPS LTC Jerry Armstrong (202) 693-1026	Discussion net to expand the range quality & timeliness of joint force development process input
ARMY:LEAD	COE Mr. Richard Thompson (202) 272-0545	A conference established to assist the Leadership Enhancement & Development Team
ARMY:LEADTEAM	COE Mr. Richard Thompson (202) 272-0545	Discussion of COE Leadership & Mgmt strategy with focus on customer care
ARMY:LEXSYS	OCSA COL Tom Norton AV 242-4815 (919) 242-4815	Discussions of drafting concept. for implementation of a "talent bank" or "living expert system"
ARMY:LICNET	TRADOC CPT George Cassi AV 552-4597/2172 (913) 684-4597/2172	Discussion of Low Intensity conflict doctrinal issues
ARMY:LOGNET	DCSLOG LTC James Henderson AV 224-7329 (202) 694-7329	Discussion of primary weapon systems among logistic oriented experts
ARMY:LRSSNET	DCSOPS MAJ Rik Wiant (703) 781-7510	Discussion of information related to the development of a model for future (AD2020) stationing of the US Army
ARMY:MAINTAINNET	US Army Ordnance Center & School CPT Gary McKee AV 298-4916	Exchange of information on maintenance topics
ARMY:MS-3NET	USAMARDA Ms. B. J. Wroblewski (703) 355-2597	Discussion between HQDA & MACOM program managers for the purpose of increasing coordination & cooperation among various elements of the MS-3 community.
ARMY:NETORGNET	OCSA LTC Ed Feige AV 225-8029 (202) 695-8029	Discussions unique to Net Organizers & the future use of teleconferencing in mgmt of Army issues

ARMY:NGBPPD	NGB MAJ Joe Lacroix Mr. Larry Needles AV 731-5407 (501) 758-4053	Discussion of NGB performance & productivity issues
ARMY:ORSA	AMC MAJ Dennis Sexton AV 284-9099/9265 (202) 274-9099/9265	Discussion lessons learned & coordination of issues among ORSAs in the field, the ORSA School & those interfacing the ORSA community
ARMY:PRIPNET	COE, WRSC Mr. Mark Pointoin Mr. Jerry Greener (202) 355-2305	Discussion of information regarding Army Corps of Engineers' Plant Replacement Improvement Program
ARMY:RANGENET	US Army Training Support Center Mr. Steve Bregmann AV 927-3275 (804) 878-3275	Discussion to enhance management of Army's Master Plan, range construction, range modernization and research, development & acquisition activities for instrumentation
ARMY:RCTRAINNET	TRADOC LTC Jim Kane CPT Greg Bradner AV 680-4375/4105	Discussion of Reserve Component Training issues
ARMY:RFN	OSA COL Howard D. Hill AV 227-3391 (202) 697-3391 (202) 697-3391	Discussion on matters affecting the Reserve Force Policy Cmte Reserve Components & mobilization preparedness of the Army
ARMY:RSINET	DCSOPS Mr. Roger Golden AV 227-4242 (202) 697-4242	Discussion to coord'nate development implementation of policy & procedures related to Army Rationalization, Standardization interoperability (RSI) operations
ARMY:SAFEPGM	OCSA Mr. Craig Schilder AV 558-2029 (205) 255-2029	Discussion of safety information with health & safety personnel
ARMY:SAMNET	TRADOC Mr. James Schneider AV 552-3437 (913) 684-3437	Discussion of issues & developments as they relate to the effective evolution of the Army's operational doctrine
ARMY:SPACENET	DCSOPS MAJ Jeff Barker AV 552-3630 (913) 684-3630	Discussion of Army Space issues, including space concepts, doctrine, requirements, research development training & operations

ARMY:SPECOPS	OCSA Mr. Bob Mountel AV 239-5393	Discussion & exchange of info for development of an effective special operations capability
ARMY:TACTICS	TRADOC MAJ Barry Trezise AV 552-2112 (913) 684-2112	Discussion & coordination of thoughts on tactical doctrine, tactics, techniques, & methods of instruction
ARMY:TEALNET	PSO MWO Motteram (703) 756-1376	An international computer conferencing network designed to assist information flow among ABCA representatives
ARMY:TERRORNET	CGSC CPT Ted Spain AV 552-4525/2131	To exchange information on terrorism counteraction training & doctrinal develop- ment between staff agency and HQ, TRADOC.
ARMY:TNGRESNET	TRADOC CPT Greg Bradner AV 680-2729 (804) 727-2729	Discussion of training related research, current & future
ARMY:UPNET	OACE Mr. Randy Klug AV 227-9567	Discussion related to developments in the effective management of utilization of the Army's real property
ARMY:WARRIORNET	TRADOC CPT Jonathan Hanna AV 552-4818 (913) 684-4818	Discussion of information, issues & developments concerning the mission of the Combined Training Centers
ARMY:WARTRAINNET	TRADOC MAJ Doug Prior AV 680-2717 (804) 727-2717	Discussion of training challenges to Army trainers & exchange of creative training concepts

Individuals desiring to participate/contribute their expertise in a particular subnet should call or send a personal message to the Net Organizer of that subnet.

Anyone desiring more information concerning US Army Forum is encouraged to call LTC Feige or Mrs. Somers, AV 225-8030 or (202) 695-8029.

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IN	NOBLESVILLE	317	846-1032	MN	HASTINGS	612	854-7710
IN	ZIONSVILLE	317	846-1032	MN	MINNEAPOLIS	612	854-7710
				MN	ST. PAUL	612	854-7710
KS	BONNER SPRINGS	913	541-9146	MO	EUREKA	314	842-7920
KS	KANSAS CITY	913	541-9146	MO	FERGUSON	314	842-7920
KS	LENNEKA	913	541-9146	MO	FLORISSANT	314	842-7920
KS	MELROSE	913	541-9146	MO	INDEPENDENCE	913	541-9146
KY	LEXINGTON	606	266-5732	MO	KANSAS CITY	913	541-9146
KY	LOUISVILLE	502	589-7621	MO	KIRKWOOD	314	842-7920
				MO	LADUE	314	842-7920
LA	BATON ROUGE	504	383-0370	MO	OVERLAND	314	842-7920
LA	NEW ORLEANS	504	834-0272	MO	PARKVILLE	913	541-9146
				MO	RAYTOWN	913	541-9146
MA	ARLINGTON	617	890-6811	MO	ST. LOUIS	314	842-7920
MA	BOSTON	617	890-6811	MO	WEBSTER GROVES	314	842-7920
MA	BROCKTON	617	586-5841	MS	JACKSON	601	352-3034
MA	BROOKLINE	617	890-6811	NC	ASHEVILLE	704	274-0122
MA	BURLINGTON	617	890-6811	NC	BELMONT	704	527-7204
MA	CAMBRIDGE	617	890-6811	NC	CHARLOTTE	704	527-7204
MA	DANVERS	617	777-5664	NC	DAVIDSON	704	527-7204
MA	EAST BOSTON	617	890-6811	NC	GREENSBORO	919	271-2001
MA	LEXINGTON	617	890-6811	NC	HUNTERSVILLE	704	527-7204
MA	LYNN	617	890-6811	NC	PINEVILLE	704	527-7204
MA	MEDFORD	617	890-6811	NC	RALEIGH	919	834-9138
MA	NEEDHAM	617	890-6811	NC	WINSTON-SALEM	919	725-0512
MA	NEWTON	617	890-6811	NE	OMAHA	402	345-9524
MA	NORWOOD	617	890-6811	NJ	ATLANTIC CITY	609	645-6857
MA	QUINCY	617	890-6811	NJ	BRICKTOWN	201	349-0664
MA	SOMERVILLE	617	890-6811	NJ	CLIFTON	201	778-8600
MA	SOUTH BOSTON	617	890-6811	NJ	HADDONFIELD	609	795-0556
MA	SPRINGFIELD	413	731-7376	NJ	MORRISTOWN	201	540-0696
MA	WAKEFIELD	617	890-6811	NJ	NEWARK	201	623-5087
MA	WALTHAM	617	890-6811	NJ	PASSAIC	201	778-8600
MA	WELLESLEY	617	890-6811	NJ	PLAINFIELD	201	769-9210
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MA	WORCESTER	508	754-2679	NJ	PRINCETON	609	924-9280
				NJ	ROSELAND	201	740-9150
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MD	BEL AIR	301	825-5100	NV	LAS VEGAS	702	731-2955
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MD	DUNDALK	301	825-5100	NY	ALBANY	518	452-5664
MD	EDGEWOOD	301	825-5100	NY	BUFFALO	716	631-0700
MD	TOWSON	301	825-5100	NY	CALEDONIA	716	546-1500
MI	ALLEN PARK	313	271-9100	NY	E. ROCHESTER	716	546-1500
MI	ANN ARBOR	313	663-7618	NY	FAIRPORT	716	546-1500
MI	BATTLE CREEK	616	963-9269	NY	HEMPSTEAD	516	694-6404
MI	BENTON HARBOR	616	428-2741	NY	HILTON	716	546-1500
MI	BIRMINGHAM	313	557-4111	NY	HONEOYE FALLS	716	546-1500
MI	BLOOMFIELD HILLS	313	557-4111	NY	LANCASTER	716	631-0700
MI	DEARBORN	313	271-9100	NY	MELVILLE	516	694-6404
MI	DETROIT	313	271-9100	NY	MT KISCO	914	241-6790
MI	FARMINGTON	313	557-4111	NY	NEW YORK	212	947-1919
MI	FLINT	313	767-4505	NY	NIAGARA FALLS	716	625-9093
MI	FLUSHING	313	767-4505	NY	ROCHESTER	716	546-1500
MI	GRAND RAPIDS	616	957-0291	NY	RUSH	716	546-1500
MI	HAMTRAMCK	313	271-9100	NY	SCOTTSVILLE	716	546-1500
MI	HIGHLAND PARK	313	271-9100	NY	SPENCERPORT	716	546-1500
MI	HOLLAND	616	399-0734	NY	SYRACUSE	315	451-5004
MI	JACKSON	517	750-4031	NY	TONAWANDA	716	631-0700
MI	KALAMAZOO	616	381-1890	NY	WEBSTER	716	546-1500
MI	LANSING	517	694-3236	NY	WEST SENECA	716	631-0700
MI	LINDEN	313	767-4505	NY	WHITE PLAINS	914	683-2570
MI	MAYFAIR	313	557-4111	NY	WILLIAMSVILLE	716	631-0700
MI	MUSKEGON	616	722-7782	OH	AKRON	216	376-4773
MI	PAW PAW	616	381-1890	OH	CENTERVILLE	513	298-1500
MI	SAGINAW	517	790-1141	OH	CINCINNATI	513	621-7394
MI	SCHOOLCRAFT	616	381-1890	OH	CLEVELAND	216	328-0050
MI	SOUTHFIELD	313	557-4111				
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OH	COLUMBUS	614	895-3164
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OH	EUCLID	216	328-0050
OH	FAIRBORN	513	298-1500
OH	GENOA	419	536-1673
OH	LAKEWOOD	216	328-0050
OH	MAUMEE	419	536-1673
OH	MIAMISBURG	513	298-1500
OH	NEW CARLISLE	513	845-0922
OH	PARMA	216	328-0050
OH	PERRYSBURG	419	536-1673
OH	STRONGSVILLE	216	328-0050
OH	SYLVANIA	419	536-1673
OH	TOLEDO	419	536-1673
OH	VANDALIA	513	298-1500
OK	OKLAHOMA CITY	405	631-7191
OK	TULSA	918	748-8795
OR	BEAVERTON	503	221-0885
OR	GLADSTONE	503	221-0885
OR	GRESHAM	503	221-0885
OR	HILLSBORO	503	221-0885
OR	MILWAUKIE	503	221-0885
OR	PORTLAND	503	221-0885
OR	SALEM	503	581-8158
PA	PENN HILLS	412	566-1268
PA	PHILADELPHIA	215	568-7650
PA	PITTSBURGH	412	566-1268
PR	SAN JUAN	800	521-2255
RI	PROVIDENCE	401	751-8181
SC	COLUMBIA	803	799-5885
TN	CHATTANOOGA	615	267-0949
TN	KNOXVILLE	615	689-9973
TN	MEMPHIS	901	452-0001
TN	NASHVILLE	615	726-3094
TX	ALDINE	713	623-7900
TX	ALIEF	713	623-7900
TX	AUSTIN	512	476-7185
TX	CHANNELVIEW	713	623-7900
TX	DALLAS	214	630-0718
TX	DE SOTO	214	630-0718
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TX	DUNCANVILLE	214	630-0718
TX	FARMERS BRANCH	214	630-0718
TX	FORT WORTH	214	263-1196
TX	GRAND PRAIRIE	214	263-1196
TX	HOUSTON	713	623-7900
TX	LACKLAND	512	496-2222
TX	LANCASTER	214	630-0718
TX	MESQUITE	214	630-0718
TX	PERELAND	713	623-7900
TX	PLANO	214	630-0718
TX	RICHARDSON	214	630-0718
TX	SAN ANTONIO	512	496-2222
TX	SEAGOVILLE	214	630-0718
UT	SALT LAKE CITY	801	972-0116
VA	ASHLAND	804	643-2209
VA	CHESAPEAKE	804	623-2576
VA	CHESTER	804	643-2209
VA	HIGHLAND SPRINGS	804	643-2209
VA	LYNCHBURG	804	384-5235
VA	MANAKIN	804	643-2209
VA	MIDLOTHIAN	804	643-2209
VA	NORFOLK	804	623-2576
VA	PORTSMOUTH	804	623-2576
VA	RICHMOND	804	643-2209
VA	VIRGINIA BEACH	804	623-2576

STATE	CITY	AREA CODE	110-1200 BPS
WA	BELLEVUE	206	462-6400
WA	EDMONDS	206	462-6400
WA	KENT	206	462-6400
WA	KIRKLAND	206	462-6400
WA	MTN. LAKE TERRACE	206	462-6400
WA	REDMOND	206	462-6400
WA	RENTON	206	462-6400
WA	RICHLAND	509	946-7542
WA	SEATTLE	206	462-6400
WI	CEDARBURG	414	291-5500
WI	GRAFTON	414	291-5500
WI	HARTLAND	414	291-5500
WI	MADISON	608	255-7803
WI	MENOMENEE FALLS	414	291-5500
WI	MILWAUKEE	414	291-5500
WI	MUSKEGO	414	291-5500
WI	RACINE	414	636-2080
WI	WAUKESHA	414	291-5500

TELENET TELEPHONE ACCESS LIST

STATE	CITY	NET	AREA CODE	110-1200 BPS	STATE	CITY	NET	AREA CODE	110-12 BPS
AL	FLORENCE	Te	205	767-7960	IA	WATERLOO	Te	319	232-54
AL	HUNTSVILLE	Te	205	539-2281	ID	BOISE	Te	208	343-06
AL	MOBILE	Te	205	432-1680	ID	LEWISTON	Te	208	743-00
AL	MONTGOMERY	Te	205	269-0090	IL	AURORA	Te	312	896-06
AL	TUSCALOOSA	Te	205	752-1472	IL	BLOOMINGTON	Te	309	827-70
AR	FORT SMITH	Te	501	782-2852	IL	DECATUR	Te	217	429-02
CA	BAKERSFIELD	Te	805	327-8146	IL	DEKALB	Te	815	758-26
CA	COMPTON	Te	213	516-1007	IL	JOLIET	Te	815	726-00
CA	CONCORD	Te	415	827-3960	IL	ROCKFORD	Te	815	965-04
CA	ES CONDIDO	Te	619	741-7756	IL	URBANA	Te	217	384-64
CA	GARDEN GROVE	Te	714	898-9820	IN	BLOOMINGTON	Te	812	332-13
CA	GLENDALE	Te	818	507-0909	IN	EVANSVILLE	Te	812	424-76
CA	MARINA DEL REY	Te	213	306-2984	IN	FORT WAYNE	Te	219	426-22
CA	MODESTO	Te	209	576-2852	IN	KOKOMO	Te	317	455-24
CA	MONTEREY	Te	408	646-9092	IN	LAFAYETTE	Te	317	742-60
CA	NORWALK	Te	213	404-2237	IN	SOUTH BEND	Te	219	233-71
CA	OCEANSIDE	Te	619	430-0613	IN	TERRE HAUTE	Te	812	232-51
CA	POMONA	Te	714	626-1284	KS	TOPEKA	Te	913	233-98
CA	SALINAS	Te	408	443-4940	KS	WICHITA	Te	316	262-56
CA	SAN CARLOS	Te	415	591-0726	KY	BOWLING GREEN	Te	502	782-79
CA	SAN JOSE	Te	408	294-9119	KY	FRANKFORT	Te	502	875-48
CA	SAN PEDRO	Te	213	548-6141	LA	LAFAYETTE	Te	318	233-00
CA	SAN RAFAEL	Te	415	472-5360	LA	LAKE CHARLES	Te	318	436-05
CA	SAN RAMONE	Te	415	829-6705	LA	MONROE	Te	318	387-61
CA	SANTA BARBARA	Te	805	682-5361	LA	SHREVEPORT	Te	318	221-58
CA	SANTA CRUZ	Te	408	429-6937	MA	FRAMINGHAM	Te	617	879-67
CA	SANTA ROSA	Te	707	578-4447	MA	LAWRENCE	Te	617	975-21
CA	VALLEJO	Te	415	724-4200	MA	LEXINGTON	Te	617	863-15
CA	VENTURA	Te	805	656-6760	MA	LOWELL	Te	617	937-52
CA	WEST COVINA	Te	818	915-5151	MA	NEW BEDFORD	Te	617	999-29
CA	WOODLAND HILLS	Te	818	887-3160	MA	NORTHAMPTON	Te	413	586-05
CO	FORT COLLINS	Te	303	493-9131	MA	WOODS HOLE	Te	617	540-75
CO	GRAND JUNCTION	Te	303	241-3004	MD	ANNAPOLIS	Te	301	224-85
CO	PUEBLO	Te	719	542-4053	MD	SILVER SPRING	Te	202	429-780
CT	BRIDGEPORT	Te	203	335-5055	ME	AUGUSTA	Te	207	622-312
CT	NEW HAVEN	Te	203	624-5954	ME	BREWER	Te	207	989-308
CT	NEW LONDON	Te	203	447-8455	ME	LEWISTON	Te	207	784-010
DE	NEWARK	Te	302	454-7710	ME	PORTLAND	Te	207	761-400
FL	CAPE CORAL	Te	813	275-7924	MI	MIDLAND	Te	517	832-70
FL	DAYTONA BEACH	Te	904	255-2629	MI	PONTIAC	Te	313	332-51
FL	GAINESVILLE	Te	904	338-0220	MI	TRAVERSE CITY	Te	616	946-21
FL	LAKELAND	Te	813	683-5461	MI	WARREN	Te	313	575-91
FL	MELBOURNE	Te	407	242-8247	MN	DULUTH	Te	218	722-17
FL	NAPLES	Te	813	263-3033	MN	ROCHESTER	Te	507	282-59
FL	OCALA	Te	904	351-3790	MO	COLUMBIA	Te	314	449-44
FL	PENSACOLA	Te	904	432-1335	MO	JEFFERSON CITY	Te	314	634-51
FL	POMPANO BEACH	Te	305	941-5445	MO	SPRINGFIELD	Te	417	864-48
FL	SARASOTA	Te	813	923-4563	MO	ST. JOSEPH	Te	816	279-47
FL	ST. PETERSBURG	Te	813	323-4026	MT	BILLINGS	Te	406	245-76
FL	TALLAHASSEE	Te	904	681-1902	MT	HELENA	Te	406	443-00
GA	ALBANY	Te	912	888-3011	MT	MISSOULA	Te	406	721-59
GA	ATHENS	Te	404	548-5590	NC	FAYETTEVILLE	Te	919	323-81
GA	AUGUSTA	Te	404	724-2752	NC	HIGH POINT	Te	919	889-74
GA	COLUMBUS	Te	404	571-0556	NC	N. WILKESBORO	Te	919	838-90
GA	MACON	Te	912	743-8844	NC	RESEARCH TRI PK	Te	919	549-81
IA	AMES	Te	515	233-6300					
IA	CEDAR RAPIDS	Te	319	364-0911					
IA	DAVENPORT	Te	319	324-2445					
IA	DUBUQUE	Te	319	556-0783					
IA	IOWA CITY	Te	319	351-1421					
IA	SIOUX CITY	Te	712	255-1545					

STATE	CITY	NET	AREA CODE	110-1200 BPS	STATE	CITY	NET	AREA CODE	110-1200 BPS
NC	TARBORO	Te	919	823-0578	TN	BRISTOL	Te	615	968-113
NC	WILMINGTON	Te	919	763-8313	TN	JOHNSON CITY	Te	615	282-664
					TN	OAKRIDGE	Te	615	481-359
ND	FARGO	Te	701	235-7717	TX	ABILENE	Te	915	676-915
ND	MANDAN	Te	701	663-2256	TX	AMARILLO	Te	806	373-045
NE	LINCOLN	Te	402	475-4964	TX	ATHENS	Te	214	677-171
NH	CONCORD	Te	603	224-1024	TX	BROWNSVILLE	Te	512	542-036
NH	MANCHESTER	Te	603	627-8725	TX	BRYAN	Te	409	822-015
NH	NASHUA	Te	603	880-6241	TX	CORPUS CHRISTI	Te	512	884-903
NH	PORTSMOUTH	Te	804	431-2302	TX	EL PASO	Te	915	532-790
NJ	ATLANTIC CITY	Te	609	348-0561	TX	GALVESTON	Te	409	762-438
NJ	HACKENSACK	Te	201	488-6567	TX	LAREDO	Te	512	724-179
NJ	MARLTON	Te	609	596-1500	TX	LONGVIEW	Te	214	236-420
NJ	MERCHANTVILLE	Te	609	663-9297	TX	LUBBOCK	Te	806	747-412
NJ	NEW BRUNSWICK	Te	201	745-2900	TX	MC ALLEN	Te	512	686-536
NJ	PASSAIC	Te	201	778-5600	TX	MIDLAND	Te	915	561-981
NJ	PATERSON	Te	201	684-7560	TX	NEDERLAND	Te	409	722-372
NJ	SAYREVILLE	Te	201	525-9507	TX	SAN ANGELO	Te	915	944-762
NJ	TRENTON	Te	609	989-8847	TX	TEMPLE	Te	817	771-972
					TX	TYLER	Te	214	597-892
					TX	WACO	Te	817	752-974
NM	SANTA FE	Te	505	473-3403	UT	OGDEN	Te	801	627-161
NV	RENO	Te	702	827-6900	UT	PROVO	Te	801	373-051
NY	BINGHAMTON	Te	607	772-6642	VA	CHARLOTTESVILLE	Te	804	977-531
NY	DEER PARK	Te	516	667-5566	VA	COVINGTON	Te	703	962-221
NY	ITHACA	Te	607	277-2142	VA	HARRISONBURG	Te	703	434-711
NY	PLATTSBURGH	Te	518	562-1890	VA	HERNDON	Te	703	435-181
NY	POUGHKEEPSIE	Te	914	473-2240	VA	NEWPORT NEWS	Te	804	596-661
NY	SCHENECTADY	Te	518	465-8444	VA	ROANOKE	Te	703	344-201
NY	UTICA	Te	315	797-0920	VT	BURLINGTON	Te	802	864-081
OH	CANTON	Te	216	452-0903	VT	MONTPELIER	Te	802	229-491
OH	ELYRIA	Te	216	323-5059	VT	RUTLAND	Te	802	775-161
OH	KENT	Te	216	678-5115	VT	WHITE RIVER	Te	802	295-761
OH	LORAIN	Te	216	960-1771	WA	AUBURN	Te	206	939-991
OH	MANSFIELD	Te	419	526-0686	WA	BELLINGHAM	Te	206	733-271
OH	SPRINGFIELD	Te	513	324-1520	WA	LONGVIEW	Te	206	577-581
OH	WARREN	Te	216	394-0041	WA	OLYMPIA	Te	206	754-041
OH	YOUNGSTOWN	Te	216	743-1296	WA	SPOKANE	Te	509	455-401
OK	BARTLESVILLE	Te	918	336-3675	WA	TACOMA	Te	206	627-171
OK	STILLWATER	Te	405	624-1112	WA	WENTACHEE	Te	509	663-621
OR	CORVALLIS	Te	503	754-9273	WI	EAU CLAIRE	Te	715	836-9295
OR	EUGENE	Te	503	683-1460	WI	GREEN BAY	Te	414	432-2815
OR	HOOD RIVER	Te	503	386-4405	WI	KENOSHA	Te	414	552-9242
OR	MEDFORD	Te	503	779-6343	WI	NEENAH	Te	414	722-7636
					WI	SHEBOYGAN	Te	414	452-3995
PA	ALLENTOWN	Te	215	435-3330	WV	CHARLESTON	Te	304	345-641
PA	CARLISLE	Te	717	249-9311	WV	HUNTINGTON	Te	304	523-280
PA	DANVILLE	Te	717	271-0102	WV	MORGANTOWN	Te	304	292-010
PA	ERIE	Te	814	899-2241	WY	CASPER	Te	307	265-516
PA	HARRISBURG	Te	717	236-6882	WY	CHEYENNE	Te	307	638-442
PA	JOHNSTOWN	Te	814	535-7576	WY	LARAMIE	Te	307	721-587
PA	KING OF PRUSSIA	Te	215	337-4300					
PA	LANCASTER	Te	717	295-5405					
PA	READING	Te	215	376-8750					
PA	SCRANTON	Te	717	961-5321					
PA	STATE COLLEGE	Te	814	231-1510	AK	ANCHORAGE	TE	907	258-7221
PA	WILKES BARRE	Te	717	829-3108		JUNEAU	TE	907	789-7009
PA	WILLIAMSPORT	Te	717	494-1796					
PA	YORK	Te	717	846-6550					
SC	CHARLESTON	Te	803	722-4303	HI	HONOLULU	TE	808	528-0200
SC	GREENVILLE	Te	803	233-3486					(Bell 212A)
SC	SPARTANBURG	Te	803	585-1637					
SD	PIERRE	Te	605	224-0481					
SD	RAPID CITY	Te	605	348-2621					
SD	SIOUX FALLS	Te	605	336-8593					

DC MERIT NODE

Participants in the Washington, DC metropolitan area, should use the direct link to the host computer thru the DC Merit Node. This is the most efficient and cost effective way for you to access the system. Dial the number: 265-1088

CUSTOMER SERVICE

Customer Service assistance is available for each of the commercial communication services that Forum participants use to access the system. If you have a question about one of these services call the appropriate service listed below:

AUTONET	800-521-2733
TELENET	800-336-0437

If you have a question about the status of the DC Merit Node or the host computer, contact:

WU NETWORK CONTROL 313-577-4746

**The Beginner's Guide
to
Confer IItm**

**ADVERTEL COMMUNICATION SYSTEMS, INC.
2067 Ascot
Ann Arbor, Michigan 48103
(313) 665-2612**

LIVING EXPERT SYSTEM

APPENDIX G

FORUMNET TRAINING DEMONSTRATIONS

Item 1 15:00 Sep09/86 10 lines
Ed Feige
WELCOME to ARMY:FORUMTNG

Welcome to ARMY:TRAINING, the Forum's computer conference for assisting new participants in becoming familiar with the software before joining their discussion subnets and for assisting all users in using the software efficiently. After reading this item, type R at the RESPOND, FORGET, or PASS prompt in order to respond to this item. Let us know what you would like to see in the net. At this time, we have established three INDEX categories: HOW TO ..., PRACTICAL EXERCISES, and MISCELLANEOUS. Type INDEX ALL to see a complete list of items at any time. I hope you find this conference helpful.

Item 2 15:08 Sep09/86 13 lines
Mary George
MENU - HOW TO GET AROUND EASILY

A GENERAL MENU TO GET AROUND EASILY:

IF YOU WANT TO:	ENTER THIS:
Read new messages	M NEW
Read new items	I NEW
Read new responses	R NEW
Transmit new messages	T
Enter new public item	E
Pause current text	Control-S
Resume text after pause	Control-Q
Abort current text	Control-E
Log off & leave network	QUIT

1 response

Sep23/86 11:28

2:1) Ed Feige: Keep in mind that some equipment that may be available to you have different emulation packages and that the above control keys may not work in all cases.

- - - - -

Item 3 15:19 Sep09/86 14 lines
Mary George Prime=2
MENU - HOW TO GET HELP

A MENU FOR HOW TO GET HELP:

IF YOU WANT TO:	ENTER THIS:
Activate the online tutorial	HELP
Turn tutorial OFF	C HELP
See explanation of any system command	?
See explanation of any specific system command	(command) ?

Item 4 15:21 Sep09/86 24 lines
Mary George Prime=4
MENU - HOW TO FOR ITEMS AND RESPONSES

A MENU FOR ITEMS & RESPONSES:

IF YOU WANT TO:	ENTER THIS:
See titles of new items	D NEW
Read new items	I NEW
Read new items w/o prompt to RESPOND, FORGET, PASS	I NEW PASS
Read new responses	R NEW
Read a particular item	I (number)
Enter a new item	E
Enter a new response	R (item #)
Enter Item "exactly"	E EXACT
Enter Response "exactly"	R EXACT
Transfer an item to another net	
DO NEXT?	J ARMY:(name of net)
DO NEXT?	ENTER
Transfer an item & responses to another net	
DO NEXT?	J ARMY:(name of net)
DO NEXT?	ENTER TRANSFER

(**"exactly" will preserve intended text formatting)

Item 5 15:22 Sep09/86 10 lines
Mary George Prime=5
MENU - HOW TO FOR PUBLIC BULLETINS

A MENU FOR PUBLIC BULLETINS:

IF YOU WANT TO:

Post a public bulletin
Read all old bulletins
Read bulletins
 in reverse order
Change or delete a
 bulletin

ENTER THIS:

B
B ALL
B ALL REVERSE

C BULLETIN

Item 6 15:23 Sep09/86 8 lines
Mary George Prime=6
MENU - HOW TO FOR NOTES TO YOURSELF

A MENU FOR NOTES TO YOURSELF:

IF YOU WANT TO:

Post a note to yourself
Read all your notes
Read your notes in
 reverse order

ENTER THIS:

N
N ALL
N ALL REVERSE

Item 7 15:24 Sep09/86 12 lines
Mary George Prime=7
MENU - HOW TO CHANGE SOMETHING

A MENU FOR HOW TO CHANGE SOMETHING:

IF YOU WANT TO CHANGE:

Your password
Your self-intro
Your phone
Your name
Text of an item
One of your responses
Title of an item
Name of item author

ENTER THIS:

C PASSWORD
C INTRO
C PHONE
C NAME
C TEXT
C RESPONSE
C HEADER
C AUTHOR

Item 8 15:24 Sep09/86 10 lines
Mary George Prime=8
MENU - HOW TO JOIN ANOTHER NET

A MENU FOR JOINING OTHER CONFERENCES/NETS:

	IF YOU WANT TO:	ENTER THIS:
	Join another net	J ARMY:(name of
net)	example: DO NEXT?	J ARMY:EXCELNET
	Join central net	J ARMY:FORUMNET
	Join Net Organizer's Net	J ARMY:NETORGNET

Item 9 15:25 Sep09/86 24 lines
Mary George Prime=9
MENU - HOW TO CHECK NEW ACTIVITY IN OTHER CONFERENCES

A MENU FOR CHECK ... CHECKING THE NEW ACTIVITY IN OTHER
CONFERNCES:

	IF YOU WANT TO:	ENTER THIS:
	Create or change your net checklist	C CHECKLIST
	Check on all nets in your checklist	CHECK
	See which nets on your checklist have new activity	CHECK TERSE
	Check on activity in all nets you have joined	CHECK ALL
	See list of all nets you have joined	CHECK NAMES
	After CHECK, join nets with new activity using the JOIN or J command	J

Item 10 15:27 Sep09/86 12 lines
Mary George Prime=10
MENU - HOW TO USE THE INDEX

A MENU FOR USING THE INDEX:

IF YOU WANT TO:	ENTER THIS:
See index categories	IN
See full index listing	IN ALL
See list of items in a particular category	IN (category)
See list of items entered by a particular person	IN (name)
Set up or manage your own index	MYINDEX ?

Item 11 15:28 Sep09/86 18 lines
Mary George Prime=11
MENU - HOW TO CONDUCT SEARCHES

A MENU FOR CONDUCTING SEARCHES:

IF YOU WANT TO:	ENTER THIS:
Find which items contain a specified string of characters example:	FIND "XXXXX" FIND "leadership"
Find which items contain both "XX" & "YY"	FIND "XX&YY"

(NOTE: To save money, you can narrow the range of a search by adding one or more modifiers to the FIND command.

example: FIND "leadership" 220-240 NOR
CONFER II will search only the text of items listed in the item range. "NOR" means "no responses".)

Item 12 15:28 Sep09/86 17 lines
Mary George — Prime=12
MENU - HOW TO FIND INFORMATION ABOUT OTHER PARTICIPANTS

A MENU FOR INFORMATION ABOUT OTHER MEMBERS:

IF YOU WANT TO SEE:	ENTER THIS:
Who is online *now* in *this* conference	P *
Who is online *now* in *any* FORUM conference	P **
Who has been on recently (interrupt with CONTROL-E)	P RECENT
Names of participants	P
Names & self-intros	P ALL
Info on *a* member	P (name)
Who has seen an item	Q SEEN (#)

Item 13 15:29 Sep09/86 21 lines
Mary George Prime=13
MENU - HOW TO CREATE AND USE A DISTRIBUTION LIST

A MENU FOR CREATING AND USING A DISTRIBUTION LIST:

DO NEXT?	EMPTY
Your buffer is now empty.	
DO NEXT?	LOAD
ENTER YOUR TEXT	
>Feige	
>George	
>Somers	
>Rosado	
>	
EDIT, VIEW, CANCEL, MORE, OR DONE: DONE	
5 lines loaded and kept	
DO NEXT?	KEEP forum.list
5 lines kept in file forum.list	
DO NEXT?	T
(Create a message ... and use your new list)	
ENTER RECIPIENT:	+forum.list

Item 14 15:30 Sep09/86 24 lines
Mary George Prime=14
MENU - HOW TO JOIN OR START A MEETING

A MENU FOR JOINING/STARTING MEETINGS

	IF YOU WANT TO:	ENTER THIS:
	Join a meeting	J logonid:meeting
name	Start a meeting	MEET
	Check on new meeting	MEET (name)
	activity	
	Say something	TALK
	Signal you are finished	CONTROL-D
	"talking"	
few	View others "talk"	press <ENTER> every
	when you are not typing	moments
	View previous input	REVIEW
	View last 10 inputs	REVIEW -10
	View selected input	REVIEW (person's
name) or		REVIEW (character
string)	Get help	ENTER ?
	See new messages while	M NEW
	in a meeting	
	Send a message	T
	Leave a meeting or return	J ARMY:(name of net)
	to a net	
	Log off	QUIT

Item 15 11:28 Sep17/86 31 lines
Mary George
MENU - HOW TO CHANGE YOUR MESSAGEFILE AND REDUCE DISK SPACE
COSTS

A MENU FOR CHANGING YOUR MESSAGEFILE AND REDUCING DISK SPACE COSTS. You will follow the sequence below to reduce your message file.

DO NEXT?

M HEADER

(You will receive a list of the headings and numbers of all messages in your file. Select those you want to keep.)

DO NEXT?

CHANGE MESSAGEFILE

DELETE

(You will specify a range of messages to be deleted. You may have to do this step more than one time.)

DO NEXT?

CHANGE MESSAGEFILE

RENUMBER

(After deleting your messages you should renumber the remaining messages that you intend to keep in your file. Select "renumber", CONFER will do the renumbering.)

DO NEXT?

CHANGE MESSAGEFILE

SHRINK

(The final and most important step is to activate the SHRINK ... this actually shrinks and cuts back the number of disk pages that you have in your file and is the final step to reducing disk space costs.)

NOW ... DELETE your messages as you go in order to prevent unnecessary messagefile disk space costs.

THE LIVING EXPERT SYSTEM

APPENDIX H

SURVEY INSTRUMENTS AND RESULTS

There are many styles and techniques that could have been used in the collection of data to identify expertise possessed by potential subject matter experts (SME). However, incident to the population size and geographic dispersion of the respondents, the 1989 LEXSYS team used an administrative survey instrument to catalog subject matter experts from the following sources:

U.S. Army War College (USAWC) faculty and students, class of 1989.

National Defense University (NDU) students.

Total Army Personnel Command (PERSCOM) data base.

The USAWC Corresponding Studies Course students.

Further, the study group used the existing data base acquired from the survey of graduates from the U.S. Army War College, Class of '88, to identify "experts" for registration onto the current LEXSYS data base. Of the 167 respondents to this survey, 113 were identified as "experts" and were invited to register on the current data base and to participate on LEXSYS. This invitation was issued by General Riscassi, Vice Chief of Staff, Army, in his 6 February 1989 letter to each graduate. Sixty-six students responded to the Vice Chief of Staff's

invitation and the results were subsequently forwarded to the Directorate of Management, Office of the Chief of Staff, Department of the Army for future use.

Based on a review of the existing Baseline Assessment Survey (BAS) and comments from survey participants, the LEXSYS team determined that a revised BAS was essential. Considerable time and energy was devoted to redesigning and simplifying the existing BAS into BAS II. Comments from survey participants, with detailed guidance from Dr. Glenda Nogami, Curriculum Research Directorate, USAWC, were instrumental in producing a far superior research tool. As a result, with BAS II, we were able to narrow the focus, clarify definitions, and articulate the various levels of expertise while significantly decreasing the amount of time (20 to 10 minutes) required to complete the survey. Levels of expertise were reduced from nine to five levels in BAS II, making identification of potential subject matter expert much easier. Respondents qualified in the top three ranges, (3 to 5), were considered as potential subject matter experts.

The current BAS II survey addresses 16 broad subject areas which range from structuring the force to foreign area expertise. Participants were requested to assess their own present level of expertise by making the number on the answer sheet that corresponds to the answer for that question. The following diagram shows the five possible levels of expertise used in the revised survey (BAS II):

NOVICE		WORKING KNOWLEDGE		SUBJECT MATTER EXPERT
1	2	3	4	5

NOVICE represented the lowest level of expertise, while SUBJECT MATTER EXPERT represented the highest. If, for example, a respondent determined that he was midway between WORKING KNOWLEDGE and SUBJECT MATTER EXPERT, he was requested to mark the number "4" for that question. A detailed explanation of the five levels of expertise is contained at Tab A to this Appendix.

By using these procedures, 124 various subject areas were identified within the original 16 broad subject areas. This information was then used to narrow the field of potential subject matter experts within a particular field or given area.

All information concerning the LEXSYS Baseline Assessment Surveys, (BAS & BAS II) is available at the following Tabs:

<u>TAB</u>	<u>SUBJECT</u>
A	LEXSYS Baseline Assessment Survey Distribution List and Historical Data.
B	Letter of Introduction, LEXSYS Survey Instructions, Baseline Assessment Survey, SCAN-TRON answer sheet.
C	Historical Data showing the frequency and responses by each of the 124 various subject areas.
D	Letter of Introduction & Instruction to potential Issue Facilitators.
E	Expert Data Base User Instructions.
F	Letter of Invitation to USAWC '88 Graduates to Register on LEXSYS.

The overall results of the 1989 LEXSYS survey (BAS II) accomplished all of the objectives outlined by the LEXSYS team. All survey data was cataloged and provided to the U.S. Army FORUM Office, Office of the Chief of Staff, Department of the Army, Washington, D.C. This information is intended to be stored, filed and updated to be available as a world-wide source of subject matter experts who are capable of responding to a variety of issues or problems via LEXSYS.

SURVEY INSTRUMENTS AND RESULTS

TAB A

BASELINE ASSESSMENT SURVEY DISTRIBUTION

The LEXSYS Baseline Assessment Survey was mailed or distributed to the following respondents:

<u>INSTITUTION</u>	<u># DISTRIBUTED</u>	<u># RETURNED</u>	<u>%</u>
USAWC (89) FAC/STU	258	151	58.5
NAT'L DEFENSE UNIV.	350	116	33.2
CORRESPONDING STUDIES CRS	301	196	65.1
TOTAL ARMY PERSONNEL CMD	010	005	50.0

Additionally, invitations to reregister on LEXSYS were sent to individuals who had previously been administered the Baseline Assessment Survey as follows:

USAWC '88 STUDENTS	113	066	58.4
TOTAL DISTRIBUTION:	1032		
TOTAL REGISTRANTS:		534	51.7

SURVEY INSTRUMENTS AND RESULTS

TAB B

SURVEY INSTRUMENTS

INDEX:

<u>INSTITUTION(s)</u>	<u>PAGE(s)</u>
USAWC Corresponding Studies Course Students	
Letter of Introduction	B-B-1
LEXSYS Survey Instructions	B-B-2
Baseline Assessment Survey	B-B-5
SCAN-TRON Form	B-B-10
 USAWC '89 Faculty and Students	
* Letter of Introduction	B-C-1
* LEXSYS Survey Instructions	B-C-2
* Baseline Assessment Survey	B-C-4
* SCAN-TRON Form	B-C-9
 The National Defense University, Class '89	

NOTE * Identical to the USAWC 89 Corresponding Studies Baseline Assessment Survey (BAS II).



DEPARTMENT OF THE ARMY
UNITED STATES ARMY WAR COLLEGE
CARLISLE BARRACKS, PENNSYLVANIA 17013-5050



REPLY TO
ATTENTION OF

AWCAE

12 January 1989

MEMORANDUM FOR: USAWC Corresponding Studies Course (CSC)
Students, Class of 1990

SUBJECT: Living Expert System (LEXSYS) Baseline Assessment
Survey

1. As a member of the 1990 U.S. Army War College Corresponding Studies Course, we need your help in completing the attached baseline assessment survey. This information, along with data collected from other sources, will be used to identify subject matter experts throughout the Army. Data from the survey will then serve as a model to establish and expand upon the Living Expert System (LEXSYS).
2. LEXSYS is a computer-assisted, teleconferencing system designed to connect "world-wide" experts to address the most pressing needs of the Army. We hope to capture the relative low cost of emerging computer communications technology to enhance the way Army staffs interact, communicate, analyze problems, and make recommendations while realizing cost savings to the Army. LEXSYS will not replace staffs, but will provide senior leaders another information resource to help them achieve their goals and objectives.
3. At the direction of the Vice Chief of Staff of the Army, the U.S. Army War College, in 1987, started evaluating the benefits of LEXSYS. Several students in this year's resident class are following up on this study. Your response will help them to provide another valuable tool to the Army staff officer.
4. Our desire is to give you, the CSC student, the same opportunity to provide information to the three and four star levels in the Army as is available to the resident course. This assistance and support is essential as we explore ways to use computer telecommunications to solve Army problems.
5. Please read the attached instructions and complete the survey as soon as possible (NLT 10 February 1989). Completion time is approximately 20 minutes.

Atch

ANTHONY DI CAPRIO
Colonel, AR
Chairman, Department of
Corresponding Studies

LEXSYS Survey Instructions

Please answer questions 4-159 in rows 4-159. Use a number 2 pencil. Box #1-3 have been reserved along with the bottom of the last page of the survey for your individual student number. For example: use "004" for Box #4. Mark your answers in the appropriate column which corresponds to your desired response.

Read carefully the list of subject areas down the left-hand side of each page. These are not meant to be all inclusive, but are to represent typical subject areas in which a three or four star senior leader may have a question or information-gathering requirement. The roman numerals separate all subjects into 16 broad topic areas.

Study the Level of Expertise scales across the top of each page. These scales are illustrative of a range of experience and proficiency in each subject area. There are five levels of expertise: NOVICE, WORKING KNOWLEDGE, and SUBJECT MATTER EXPERT. The following is a definition of each expertise:

DEFINITIONS

NOVICE: This is the lowest level of expertise. At this level, you have seen the subject matter, but have no technical or in-depth knowledge. If you are at this level, mark "1" on the mark sensed form.

WORKING KNOWLEDGE: This is the mid-level of expertise. At this level, you are conversant with the subject matter and can talk intelligently with contemporaries. Additionally, you are capable of facilitating the topic or making significant contributions. If you are at this level, mark "3" on the mark sensed form.

SUBJECT MATTER EXPERT: This is the highest level of expertise. At this level, you are articulate and capable of conducting a critical analysis or answering a senior leader (3 or 4 star) question on this subject. If you are at this level, mark "5" on the mark sensed form.

For each of the subject areas, assess your own present level of expertise by marking the number on the answer sheet that corresponds to the answer you wish to give to that question. For example, if your answer is that you are at the "NOVICE" level, mark the space numbered "1". If you are midway between "WORKING KNOWLEDGE" and "SUBJECT MATTER EXPERT", mark space "4" for that question. Remember, make your self-assessment based on what you think is your level of expertise now. Please consider each area as a separate measure, disregarding your response on the previous items. Feel free to use any of the five ratings provided on the scale. Be objective.

GENERAL GUIDELINES

Here are some general guidelines which will help you in responding to this survey.

- Don't get tangled up with definitions. If you are not sure of the meaning of a term or phrase, define it in your own words and respond according to what you think the term means.

- There are no right or wrong answers, nor are there any "trick" questions or hidden gimmicks.

- Try to be as objective as possible. Don't be hesitant about using the extremes of the scale if you feel that they apply.

- Try to keep from referring back to how you responded on previous questions.

- If you have a subject area of expertise which is not shown on the survey or if you are unsure where your expertise should be shown, select one of the given broad subject areas (Roman Numeral I through XVI). In one of the two blank spaces provided at the bottom of that subject area, write in the subject in which you have expertise, and circle the appropriate number directly on the survey form. For example, if you have SUBJECT MATTER expertise in the Light Division Structure, you would write Light Division Structure on line 11 and circle "5" under SUBJECT MATTER EXPERT, directly on the survey form.

Thank you for your cooperation. Please return the survey form and the answer sheet promptly using the self-addressed stamped envelope. Request you complete the survey by 10 February 1989. Thanks.

IMPORTANT

For the purpose of this survey only, the LEXSYS team, is assigning you an individual student number that will be used to track survey data. This number is not to be used on any other Corresponding Studies material.

Your LEXSYS student number is _____.

Thanks for your help!

The LEXSYS Team

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

	NOVICE 1	2	WORKING KNOWLEDGE 3	4	SUBJECT MATTER EXPERT 5
I. STRUCTURING THE FORCE INCLUDES:					
4. TOE OR TDA ACTIVATIONS.	1	2	3	4	5
5. TOE OR TDA INACTIVATIONS.	1	2	3	4	5
6. TOE OR TDA CONVERSIONS.	1	2	3	4	5
7. ALO ADJUSTMENTS.	1	2	3	4	5
8. ACTIVE & RESERVE MILITARY FORCE MANNING DECISIONS.	1	2	3	4	5
9. ACTIVE & RESERVE CIVILIAN FORCE MANNING DECISIONS.	1	2	3	4	5
10. DOCTRINE DEVELOPMENT.	1	2	3	4	5
11.	1	2	3	4	5
12.	1	2	3	4	5

II. MANNING THE FORCE INCLUDES:					
13. ACTIVE & RESERVE RECRUITING.	1	2	3	4	5
14. ACTIVE & RESERVE RETENTION.	1	2	3	4	5
15. NATIONAL GUARD FORCES.	1	2	3	4	5
16. IMPROVING QUALITY OF LIFE.	1	2	3	4	5
17. PERSONNEL MANAGEMENT.	1	2	3	4	5
18. CLUB MANAGEMENT.	1	2	3	4	5
19. TROOP HOUSING REQUIREMENTS.	1	2	3	4	5
20. OCCUPATIONAL SAFETY.	1	2	3	4	5
21. HEALTH SERVICES.	1	2	3	4	5
22. ARMY RESERVE STRUCTURE.	1	2	3	4	5
23. RECEPTION CENTER OPERATIONS.	1	2	3	4	5
24.	1	2	3	4	5
25.	1	2	3	4	5

III. TRAINING THE FORCE INCLUDES:					
26. INDIVIDUAL TRAINING.	1	2	3	4	5
27. UNIT TRAINING.	1	2	3	4	5
28. TRAINING DEVELOPMENT & SUPPORT.	1	2	3	4	5
29. THE ROTC PROGRAM.	1	2	3	4	5
30. PROFESSIONAL MILITARY EDUCATION.	1	2	3	4	5
31. SUPPORTING FORCES AT THE NTC.	1	2	3	4	5
32. FIGHTING FORCES AT THE NTC.	1	2	3	4	5
33. TRAINING FORCES IN EUROPE.	1	2	3	4	5
34. TRAINING FORCES IN KOREA.	1	2	3	4	5
35. TRAINING COMBAT SUPPORT FORCES.	1	2	3	4	5
36. TRAINING COMBAT SERVICE SUPPORT FORCES.	1	2	3	4	5
37. TRAINING DEVICES.	1	2	3	4	5
38.	1	2	3	4	5
39.	1	2	3	4	5

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

NOVICE 1 2 3 4 5
WORKING KNOWLEDGE
SUBJECT MATTER EXPERT

IV. MOBILIZING & DEPLOYING THE FORCE INCLUDES:

40. PREPARATIONS PRIOR TO M-DAY TO ENABLE FORCES TO EXPAND.	1	2	3	4	5
41. MOVEMENT OF PERSONNEL, EQUIPMENT & SUPPLIES TO THEATER OF OPS BY AIR.	1	2	3	4	5
42. MOVEMENT OF PERSONNEL, EQUIPMENT & SUPPLIES TO THEATER OF OPS BY SEA.	1	2	3	4	5
43. RESERVE MOBILIZATION.	1	2	3	4	5
44. NATIONAL GUARD MOBILIZATION.	1	2	3	4	5
45. REFORGER OPERATIONS.	1	2	3	4	5
46. POMCUS (LESS EQUIPMENT PROCUREMENT).	1	2	3	4	5
47.	1	2	3	4	5
48.	1	2	3	4	5

V. PROVIDING FACILITIES INCLUDES:

49. CONSTRUCTION (MCA).	1	2	3	4	5
50. CONSTRUCTION (MINOR).	1	2	3	4	5
51. FAMILY HOUSING MANAGEMENT & MAINT.	1	2	3	4	5
52. MORALE, WELFARE & RECREATION FACILITIES.	1	2	3	4	5
53. ENVIRONMENTAL PROTECTION.	1	2	3	4	5
54. REAL PROPERTY MAINTENANCE.	1	2	3	4	5
55.	1	2	3	4	5
56.	1	2	3	4	5

VI. MANAGING INFORMATION INCLUDES:

57. COMPUTER PROGRAMMING & OPERATIONS.	1	2	3	4	5
58. ALCOHOL AND DRUG CONTROL.	1	2	3	4	5
59. EQUAL OPPORTUNITY MANAGEMENT.	1	2	3	4	5
60. MILITARY PAY DISBURSEMENT.	1	2	3	4	5
61. COMPTROLLER SERVICES.	1	2	3	4	5
62. COMMUNICATIONS-ELECTRONICS AUTOMATION.	1	2	3	4	5
63. COMMUNICATIONS-ELECTRONICS OPERATIONS.	1	2	3	4	5
64. COMMUNICATIONS-ELECTRONICS ENGINEERING.	1	2	3	4	5
65. JOINT COMMAND CONTROL COMMUNICATIONS.	1	2	3	4	5
66.	1	2	3	4	5
67.	1	2	3	4	5

VII. EQUIPPING THE FORCE INCLUDES:

68. RESEARCH, DESIGN & TEST NEW EQUIPMENT.	1	2	3	4	5
69. DEVELOPMENT OF NEW EQUIPMENT.	1	2	3	4	5
70. ACQUISITION OF NEW EQUIPMENT.	1	2	3	4	5
71. DISTRIBUTION/FIELDING OF NEW EQUIPMENT.	1	2	3	4	5
72.	1	2	3	4	5
73.	1	2	3	4	5

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

NOVICE 2 3 4 SUBJECT
MATTER EXPERT 5

VIII. SUSTAINING THE FORCE INCLUDES:

74. LIGHT INFANTRY LOGISTICS.	1	2	3	4	5
75. HEAVY FORCE LOGISTICS.	1	2	3	4	5
76. MUNITIONS MATERIEL MANAGEMENT.	1	2	3	4	5
77. TANK/AUTOMOTIVE MATERIEL MANAGEMENT.	1	2	3	4	5
78. MISSILE MATERIEL MANAGEMENT.	1	2	3	4	5
79. AVIATION LOGISTICS.	1	2	3	4	5
80. SPECIAL OPERATIONS LOGISTICS.	1	2	3	4	5
81. GRAVES REGISTRATION.	1	2	3	4	5
82. PETROLEUM MANAGEMENT.	1	2	3	4	5
83. SUBSISTENCE MANAGEMENT.	1	2	3	4	5
84. AERIAL DELIVERY & MATERIEL.	1	2	3	4	5
85. SUPPLY & MATERIEL MANAGEMENT.	1	2	3	4	5
86. TRAFFIC MANAGEMENT.	1	2	3	4	5
87. MARINE & TERMINAL OPERATIONS.	1	2	3	4	5
88. HIGHWAY/RAIL TRANSPORTATION.	1	2	3	4	5
89. CHEMICAL MUNITIONS & MATERIEL MANAGEMENT.	1	2	3	4	5
90. WAR RESERVES.	1	2	3	4	5
91. THE ARMY MAINTENANCE SYSTEM.	1	2	3	4	5
92. ENERGY MANAGEMENT.	1	2	3	4	5
93. MEDICAL SERVICES.	1	2	3	4	5
94. THEATER LOGISTICS.	1	2	3	4	5
95. COSCOM OPERATIONS.	1	2	3	4	5
96. DEPOT OPERATIONS.	1	2	3	4	5
97. LOGISTICS OVER THE SHORE.	1	2	3	4	5
98.	1	2	3	4	5
99.	1	2	3	4	5

IX. LEADERSHIP INCLUDES:

100. ALCOHOL AND DRUG ABUSE.	1	2	3	4	5
101. BATTLEFIELD LEADERSHIP.	1	2	3	4	5
102. COMMAND INFORMATION.	1	2	3	4	5
103. LEADERSHIP TECHNIQUES.	1	2	3	4	5
104. PROBLEMS OF COMMAND.	1	2	3	4	5
105. PROFESSIONALISM AND ETHICS.	1	2	3	4	5
106. RACE RELATIONS.	1	2	3	4	5
107.	1	2	3	4	5
108.	1	2	3	4	5

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

	NOVICE	WORKING KNOWLEDGE	SUBJECT MATTER EXPERT
	1	2	3 4 5
X. INTELLIGENCE INCLUDES:			
109. COLLECTION.	1	2	3 4 5
110. ANALYSIS.	1	2	3 4 5
111. PRODUCTION.	1	2	3 4 5
112. TACTICAL.	1	2	3 4 5
113. STRATEGIC.	1	2	3 4 5
114. IMAGERY.	1	2	3 4 5
115. HUMAN.	1	2	3 4 5
116. COUNTER INTELLIGENCE.	1	2	3 4 5
117. SIGNALS INTELLIGENCE/ELECTRONIC WARFARE.	1	2	3 4 5
118. RESEARCH & DEVELOPMENT OF INTELLIGENCE COLLECTION MEANS.	1	2	3 4 5
119.	1	2	3 4 5
120.	1	2	3 4 5

XI. FIGHTING THE FORCE INCLUDES:

121. LIGHT INFANTRY TACTICS.	1	2	3 4 5
122. ARMORED FORCE TACTICS.	1	2	3 4 5
123. AVIATION TACTICS.	1	2	3 4 5
124. NUCLEAR WEAPONS CONTROL.	1	2	3 4 5
125. COMBAT OPERATIONS REAR.	1	2	3 4 5
126. PRISONER OF WAR OPERATIONS.	1	2	3 4 5
127.	1	2	3 4 5
128.	1	2	3 4 5

XII. SPACE OPERATIONS INCLUDES:

129. ACTIVITIES ASSOCIATED WITH THE USE & DEVELOPMENT OF SPACE AS A THEATER OF OPERATIONS.	1	2	3 4 5
130.	1	2	3 4 5
131.	1	2	3 4 5

XIII. LAW AND LAW ENFORCEMENT INCLUDES:

132. ADMINISTRATION OF MILITARY JUSTICE.	1	2	3 4 5
133. INTERNATIONAL LAW.	1	2	3 4 5
134. LEGAL ASPECTS OF GOVERNMENT PROCUREMENT.	1	2	3 4 5
135. MAINTENANCE OF DISCIPLINE, LAW AND ORDER.	1	2	3 4 5
136. REHABILITATION.	1	2	3 4 5
137.	1	2	3 4 5
138.	1	2	3 4 5

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

NOVICE 1 2 3 4 5
WORKING KNOWLEDGE 3 4 5
SUBJECT MATTER EXPERT 5

XIV. JOINT AND COMBINED OPERATIONS INCLUDES:

139. AIRSPACE CONTROL.	1	2	3	4	5
140. COMBINED COMMAND OPERATIONS.	1	2	3	4	5
141. DEFENSE COMMUNICATIONS AGENCY.	1	2	3	4	5
142. INTEROPERABILITY.	1	2	3	4	5
143. JOINT AIRBORNE OPERATIONS.	1	2	3	4	5
144. JOINT AIR DEFENSE PLANNING.	1	2	3	4	5
145. NCS/JCS STAFF PLANNING.	1	2	3	4	5
146. WORLD WIDE MILITARY COMMAND AND CONTROL SYSTEM.	1	2	3	4	5
147.	1	2	3	4	5
148.	1	2	3	4	5

XV. SECURITY ASSISTANCE INCLUDES:

149. INSURGENT OPERATIONS.	1	2	3	4	5
150. INTERNAL DEFENSE AND DEVELOPMENT.	1	2	3	4	5
151. MAAG/MISSION/MILGROUP OPERATIONS.	1	2	3	4	5
152. MILITARY ASSISTANCE.	1	2	3	4	5
153. SECURITY ASSISTANCE TRAINING PROGRAMS.	1	2	3	4	5
154. TERRORISM.	1	2	3	4	5
155. UNCONVENTIONAL WARFARE.	1	2	3	4	5
156.	1	2	3	4	5
157.	1	2	3	4	5

XVI. FOREIGN AREA (WRITE IN COUNTRY OR AREA)

158.	1	2	3	4	5
159.	1	2	3	4	5

PLEASE WRITE IN YOUR
INDIVIDUAL STUDENT NUMBER

AWC GENERAL COATING FORM

LEXSYS SURVEY

Box # (1-3) -- Must be three digits.
EXAMPLE : Use "004" for Box # 4.

Please answer questions 4 - 159 in
 rows 4 - 159. Use a number 2 pencil.

Mark your answers by drawing a
 horizontal line through the number
 in the appropriate column which
 corresponds to your desired response.

DO NOT STAPLE THIS FORM.

Return the completed answer sheet
 and the survey form using the self-
 addressed stamped envelope, No Later
 Than NTL 10 Februrary 1989.

Thanks!

READ THIS DIRECTION

DO NOT MARK IN THIS AREA

1	0	1	2	3	4	5	6	7	8	9
2	0	1	2	3	4	5	6	7	8	9
3	0	1	2	3	4	5	6	7	8	9
4	0	1	2	3	4	5	6	7	8	9
5	0	1	2	3	4	5	6	7	8	9
6	0	1	2	3	4	5	6	7	8	9
7	0	1	2	3	4	5	6	7	8	9
8	0	1	2	3	4	5	6	7	8	9
9	0	1	2	3	4	5	6	7	8	9
10	0	1	2	3	4	5	6	7	8	9
11	0	1	2	3	4	5	6	7	8	9
12	0	1	2	3	4	5	6	7	8	9
13	0	1	2	3	4	5	6	7	8	9
14	0	1	2	3	4	5	6	7	8	9
15	0	1	2	3	4	5	6	7	8	9
16	0	1	2	3	4	5	6	7	8	9
17	0	1	2	3	4	5	6	7	8	9
18	0	1	2	3	4	5	6	7	8	9
19	0	1	2	3	4	5	6	7	8	9
20	0	1	2	3	4	5	6	7	8	9
21	0	1	2	3	4	5	6	7	8	9
22	0	1	2	3	4	5	6	7	8	9
23	0	1	2	3	4	5	6	7	8	9
24	0	1	2	3	4	5	6	7	8	9
25	0	1	2	3	4	5	6	7	8	9
26	0	1	2	3	4	5	6	7	8	9
27	0	1	2	3	4	5	6	7	8	9
28	0	1	2	3	4	5	6	7	8	9
29	0	1	2	3	4	5	6	7	8	9
30	0	1	2	3	4	5	6	7	8	9
31	0	1	2	3	4	5	6	7	8	9
32	0	1	2	3	4	5	6	7	8	9
33	0	1	2	3	4	5	6	7	8	9
34	0	1	2	3	4	5	6	7	8	9
35	0	1	2	3	4	5	6	7	8	9
36	0	1	2	3	4	5	6	7	8	9
37	0	1	2	3	4	5	6	7	8	9
38	0	1	2	3	4	5	6	7	8	9
39	0	1	2	3	4	5	6	7	8	9
40	0	1	2	3	4	5	6	7	8	9
41	0	1	2	3	4	5	6	7	8	9
42	0	1	2	3	4	5	6	7	8	9
43	0	1	2	3	4	5	6	7	8	9
44	0	1	2	3	4	5	6	7	8	9
45	0	1	2	3	4	5	6	7	8	9
46	0	1	2	3	4	5	6	7	8	9
47	0	1	2	3	4	5	6	7	8	9
48	0	1	2	3	4	5	6	7	8	9
49	0	1	2	3	4	5	6	7	8	9
50	0	1	2	3	4	5	6	7	8	9
51	0	1	2	3	4	5	6	7	8	9
52	0	1	2	3	4	5	6	7	8	9
53	0	1	2	3	4	5	6	7	8	9
54	0	1	2	3	4	5	6	7	8	9
55	0	1	2	3	4	5	6	7	8	9
56	0	1	2	3	4	5	6	7	8	9
57	0	1	2	3	4	5	6	7	8	9
58	0	1	2	3	4	5	6	7	8	9
59	0	1	2	3	4	5	6	7	8	9
60	0	1	2	3	4	5	6	7	8	9
61	0	1	2	3	4	5	6	7	8	9
62	0	1	2	3	4	5	6	7	8	9
63	0	1	2	3	4	5	6	7	8	9
64	0	1	2	3	4	5	6	7	8	9
65	0	1	2	3	4	5	6	7	8	9
66	0	1	2	3	4	5	6	7	8	9
67	0	1	2	3	4	5	6	7	8	9
68	0	1	2	3	4	5	6	7	8	9
69	0	1	2	3	4	5	6	7	8	9
70	0	1	2	3	4	5	6	7	8	9
71	0	1	2	3	4	5	6	7	8	9
72	0	1	2	3	4	5	6	7	8	9
73	0	1	2	3	4	5	6	7	8	9
74	0	1	2	3	4	5	6	7	8	9
75	0	1	2	3	4	5	6	7	8	9
76	0	1	2	3	4	5	6	7	8	9
77	0	1	2	3	4	5	6	7	8	9
78	0	1	2	3	4	5	6	7	8	9
79	0	1	2	3	4	5	6	7	8	9
80	0	1	2	3	4	5	6	7	8	9



DEPARTMENT OF THE ARMY
UNITED STATES ARMY WAR COLLEGE
CARLISLE BARRACKS, PENNSYLVANIA 17013-5050



REPLY TO
ATTENTION OF

AWCA

25 October 1988

MEMORANDUM FOR: FACULTY AND MEMBERS OF THE CLASS OF 1989

SUBJECT: Living Expert System (LEXSYS) Baseline Assessment Survey

1. This assessment survey is designed to identify expertise possessed by faculty and students at the U.S. Army War College. Faculty and students, based on their education, training, and experience, possess expertise in a variety of subjects. This survey will establish a pool of expertise that will serve as a model to establish and expand the Living Expert System (LEXSYS).

2. LEXSYS is a computer assisted, teleconferencing system designed to connect experts from across the country and around the world to address the most pressing needs of the Army. The intent is to capture the relative low cost of emerging computer communications technology to enhance the way Army staffs interact, communicate, analyze problems, and make recommendations while realizing cost savings to the Army. LEXSYS will not replace staffs, but does provide senior leaders another information resource to help them achieve their goals and objectives.

3. At the direction of the Vice Chief of Staff of the Army, the U.S. Army War College, in 1987, started evaluating the benefits of LEXSYS. Several students in this year's class have been selected to follow up on this study as their Military Studies Project (MSP). Your responses will help your fellow classmates identify expertise in the faculty and Class of 1989 and evaluate how well this survey measures that expertise. Please read the attached instructions and complete the survey as soon as possible (NLT 15 NOV 88). Completion time is approximately 20 minutes.

4. The students working on the LEXSYS MSP appreciate your time and response to this survey. Your assistance and support is essential as we determine the best and most cost effective method to use computer telecommunications to solve Army problems.

Atch

William F. Ladd
WILLIAM F. LADD
Colonel, MP
Chief of Staff/Secretary

- LEXSYS Survey Instructions

Please answer questions 4-159 in rows 4-159. Use a number 2 pencil. Box #1-3 have been reserved along with the bottom of the last page of the survey for your individual student number. For example: use "004" for Box #4. Mark your answers in the appropriate column which corresponds to your desired response.

Read carefully the list of subject areas down the left-hand side of each page. These are not meant to be all inclusive, but are to represent typical subject areas in which a three or four star senior leader may have a question or information-gathering requirement. The roman numerals separate all subjects into 16 broad topic areas.

Study the Level of Expertise scales across the top of each page. These scales are illustrative of a range of experience and proficiency in each subject area. There are five levels of expertise: APPLICATION, UNDERSTANDING, KNOWLEDGE, FAMILIARITY, and AWARENESS. The following is a definition of each expertise:

DEFINITIONS

APPLICATION: This is the highest level of expertise. At this level, you could lead a study project, head a task force, provide counsel or answer a senior leader (3 or 4 star) question on this subject. If you are at this level, mark 1 on the mark sensed form.

UNDERSTANDING: This is the second level of expertise. At this level, you could write an essay or term paper, give a one hour class at the War College, objectively evaluate alternatives, or work actions in this subject at the DA, JCS or MACOM level. If you are at this level, mark 3 on the mark sensed form.

KNOWLEDGE: This is the third level of expertise. At this level, you could make a significant contribution to group discussion (theory, research, or data), give a 30 minute briefing, or could work actions at Corps or lower level. If you are at this level, mark 5 on the mark sensed form.

FAMILIARITY: This is the fourth level of expertise. At this level, you can read or listen smoothly, i.e. your background includes basic terms, concepts, and relationships. If you are at this level, mark 7 on the mark sensed form.

AWARENESS: This is the lowest level of expertise. At this level, you can do reading or listen to this subject, but with frequent pauses to recall meaning and relationships. If you are at this level, mark 9 on the mark sensed form.

For each of the subject areas, assess your own present level of expertise by marking the number on the answer sheet that corresponds to the answer you wish to give to that question. For example, if your answer is that you are at the "APPLICATION" level mark the space numbered (1). If you are midway between "KNOWLEDGE" and "FAMILIARITY", mark space (6) for that question. Remember, make your self-assessment based on what you think is your level of expertise now. Please consider each areas as a separate measure, disregarding your response on the previous items. Feel free to use any of the nine ratings provided on the scale. Be objective.

GENERAL GUIDELINES

Here are some general guideline which will help you in responding to this survey.

- Don't get tangled up with definitions. If you are not sure of the meaning of a term or phrase, define it in your own words and respond according to what you think the term means.

- There are no right or wrong answers, nor are there any "trick" questions or hidden gimmicks.

- Try to be as objective as possible. Don't be hesitant about using the extremes of the scale if you feel that they apply.

- Try to keep from referring back to how you responded on previous questions.

- If you have a subject area of expertise which is not shown on the survey or if you are unsure where your expertise should be shown, select one of the given broad subject areas (Roman Numeral I through XVI). In one of the two blank spaces provided at the bottom of that subject area, write in the subject in which you have expertise, and circle the appropriate number directly on the survey form. For example, if you have APPLICATION expertise in the Light Division Structure, you would write Light Division Structure on line 11 and circle 1 under APPLICATION, directly on the survey form.

Thank you for your cooperation. Please return the survey form and the answer sheet promptly to the distribution slot in the Root Hall mailroom. Request you complete the survey by 15 November 1988.

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

	APPLICATION LEAD A STUDY PROJECT; HEAD A TASKFORCE; PROVIDE COUNSEL OR ANSWER A SENIOR LEADER (3 OR 4 STAR) QUESTION IN THIS SUBJECT.	UNDERSTANDING WRITE ESSAY OR TERM PAPER; GIVE 1 HOUR CLASS AT THE WAR COLLEGE; OBJECTIVELY EVALUATE ALTERNATIVES; COULD WORK ACTION IN THIS SUBJECT AT DA, JCS OR MACOM LEVEL.	KNOWLEDGE MAKE SIGNIFICANT CONTRIBUTION (THEORY, RESEARCH, DATA) TO GROUP DISCUSSION; GIVE 30 MINUTE BRIEFING; COULD WORK ACTION AT COMPS OR LOWER LEVEL.	FAMILIARITY READ OR LISTEN SMOOTHLY, I.E. BACKGROUND INCLUDES BASIC TERMS, CONCEPTS AND RELATIONSHIPS.	AWARENESS READ OR LISTEN, BUT WITH FREQUENT PAUSES TO RECALL MEANINGS AND RELATIONSHIPS.
I. STRUCTURING THE FORCE INCLUDES:					
4. TOE OR TDA ACTIVATIONS.	1	2	3	6	9
5. TOE OR TDA INACTIVATIONS.	1	2	3	6	9
6. TOE OR TDA CONVERSIONS.	1	2	3	6	9
7. ALO ADJUSTMENTS.	1	2	3	6	9
8. ACTIVE & RESERVE MILITARY FORCE	1	2	3	6	9
MANING DECISIONS.					
9. ACTIVE & RESERVE CIVILIAN FORCE	1	2	3	6	9
MANING DECISIONS.					
10. DOCTRINE DEVELOPMENT.	1	2	3	6	9
11. HANNING THE FORCE INCLUDES:					
13. ACTIVE & RESERVE RECRUITING.	1	2	3	6	9
14. ACTIVE & RESERVE RETENTION.	1	2	3	6	9
15. NATIONAL GUARD FORCES.	1	2	3	6	9
16. IMPROVING QUALITY OF LIFE.	1	2	3	6	9
17. PERSONNEL MANAGEMENT.	1	2	3	6	9
18. CLUB MANAGEMENT.	1	2	3	6	9
19. TROOP HOUSING REQUIREMENTS.	1	2	3	6	9
20. OCCUPATIONAL SAFETY.	1	2	3	6	9
21. HEALTH SERVICES.	1	2	3	6	9
22. ARMY RESERVE STRUCTURE.	1	2	3	6	9
23. RECEPTION CENTER OPERATIONS.	1	2	3	6	9
24. _____	1	2	3	6	9
25. _____	1	2	3	6	9
III. TRAINING THE FORCE INCLUDES:					
26. INDIVIDUAL TRAINING.	1	2	3	6	9
27. UNIT TRAINING.	1	2	3	6	9
28. TRAINING DEVELOPMENT & SUPPORT.	1	2	3	6	9
29. THE ROTC PROGRAM.	1	2	3	6	9
30. PROFESSIONAL MILITARY EDUCATION.	1	2	3	6	9
31. SUPPORTING FORCES AT THE RTC.	1	2	3	6	9
32. FIGHTING FORCES AT THE RTC.	1	2	3	6	9
33. TRAINING FORCES IN EUROPE.	1	2	3	6	9
34. TRAINING FORCES IN KOREA.	1	2	3	6	9
35. TRAINING COMBAT SUPPORT FORCES.	1	2	3	6	9
36. TRAINING COMBAT SERVICE SUPPORT FORCES.	1	2	3	6	9
37. TRAINING DEVICES.	1	2	3	6	9
38. _____	1	2	3	6	9
39. _____	1	2	3	6	9

LEXSYS SURVEY AY 89

	LEVEL OF EXPERTISE					AWARENESS READ OR LISTEN, BUT WITH FREQUENT PAUSE TO RECALL MEANING AND RELATIONSHIPS.
	APPLICATION LEAD A STUDY PROJECT; HEAD A TASK FORCE; PROVIDE COUNSEL OR ANSWER A SENIOR LEADER (3 OR 4 STAR) QUESTION IN THIS SUBJECT.	UNDERSTANDING WRITE ESSAY OR TERM PAPER; GIVE 1 HOUR CLASS AT THE WAR COLLEGE; OBJECTIVELY EVALUATE ALTERNATIVES; COULD WORK ACTION IN THIS SUBJECT AT DA, JCS OR MACOM LEVEL.	KNOWLEDGE MAKE SIGNIFICANT CONTRIBUTION (THEORY, RESEARCH, DATA) TO GROUP DISCUSSION; GIVE 30 MINUTE BRIEFING; COULD WORK ACTION AT CORPS OR LOWER LEVEL.	FAMILIARITY READ OR LISTEN SMOOTHLY, I.E. BACKGROUND INCLUDES BASIC TERMS, CONCEPTS AND RELATIONSHIPS.		
IV. MOBILIZING & DEPLOYING THE FORCE INCLUDES:					1	
40. PREPARATIONS PRIOR TO H-DAY TO ENABLE FORCES TO EXPAND.	1	2	4	6	9	
41. MOVEMENT OF PERSONNEL, EQUIPMENT & SUPPLIES TO THEATER OF OPS BY AIR.	1	2	4	6	9	
42. MOVEMENT OF PERSONNEL, EQUIPMENT & SUPPLIES TO THEATER OF OPS BY SEA.	1	2	4	6	9	
43. RESERVE MOBILIZATION.	1	2	4	6	9	
44. NATIONAL GUARD MOBILIZATION.	1	2	4	6	9	
45. REFORGER OPERATIONS.	1	2	4	6	9	
46. PORCUS (LESS EQUIPMENT PROCUREMENT).	1	2	4	6	9	
47. _____	1	2	4	6	9	
48. _____	1	2	4	6	9	
V. PROVIDING FACILITIES INCLUDES:						
49. CONSTRUCTION (MCA).	1	2	4	6	9	
50. CONSTRUCTION (MINOR).	1	2	4	6	9	
51. FAMILY HOUSING MANAGEMENT & MAINT.	1	2	4	6	9	
52. MORALE, WELFARE & RECREATION FACILITIES.	1	2	4	6	9	
53. ENVIRONMENTAL PROTECTION.	1	2	4	6	9	
54. _____	1	2	4	6	9	
55. REAL PROPERTY MAINTENANCE.	1	2	4	6	9	
56. _____	1	2	4	6	9	
VI. MANAGING INFORMATION INCLUDES:						
57. COMPUTER PROGRAMMING & OPERATIONS.	1	2	4	6	9	
58. ALCOHOL AND DRUG CONTROL.	1	2	4	6	9	
59. EQUAL OPPORTUNITY MANAGEMENT.	1	2	4	6	9	
60. MILITARY PAY DISBURSEMENT.	1	2	4	6	9	
61. CONTROLLER SERVICES.	1	2	4	6	9	
62. COMMUNICATIONS-ELECTRONICS AUTOMATION.	1	2	4	6	9	
63. COMMUNICATIONS-ELECTRONICS OPERATIONS.	1	2	4	6	9	
64. COMMUNICATIONS-ELECTRONICS ENGINEERING.	1	2	4	6	9	
65. JOINT COMMAND CONTROL COMMUNICATIONS.	1	2	4	6	9	
66. _____	1	2	4	6	9	
67. _____	1	2	4	6	9	
VII. EQUIPPING THE FORCE INCLUDES:						
68. RESEARCH, DESIGN & TEST NEW EQUIPMENT.	1	2	4	6	9	
69. DEVELOPMENT OF NEW EQUIPMENT.	1	2	4	6	9	
70. ACQUISITION OF NEW EQUIPMENT.	1	2	4	6	9	
71. DISTRIBUTION/FIELDING OF NEW EQUIPMENT.	1	2	4	6	9	
72. _____	1	2	4	6	9	
73. _____	1	2	4	6	9	

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

	APPLICATION	UNDERSTANDING	KNOWLEDGE	FAMILIARITY	ADVANCEMENT
	LEAD A STUDY PROJECT; HEAD A TASK FORCE; PROVIDE COUNSEL OR ANSWER A SENIOR LEADER (3 OR 4 STAR) QUESTION IN THIS SUBJECT.	WRITE ESSAY OR TERM PAPER; GIVE 1 HOUR CLASS AT THE WAR COLLEGE; OBJECTIVELY EVALUATE ALTERNATIVES; COULD WORK ACTION IN THIS SUBJECT AT DA, JCE OR MACOM LEVEL.	MAKE SIGNIFICANT CONTRIBUTION (THEORY, RESEARCH, DATA) TO GROUP DISCUSSION; GIVE 30 MINUTE BRIEFING; COULD WORK ACTION AT CORPS OR LOWER LEVEL.	READ OR LISTEN SMOOTHLY, I.E. BACKGROUND INCLUDES BASIC TERMS, CONCEPTS AND RELATIONSHIPS.	READ OR LISTEN, BUT WITH FREQUENT PAUSES TO RECALL MEANING AND RELATIONSHIPS.
VIII. SUSTAINING THE FORCE INCLUDES:					
74. LIGHT INFANTRY LOGISTICS.	1	3	5	7	9
75. HEAVY FORCE LOGISTICS.	1	3	5	7	9
76. MUNITIONS MATERIEL MANAGEMENT.	1	3	5	7	9
77. TANK/AUTOTRUCK MATERIEL MANAGEMENT.	1	3	5	7	9
78. MISSILE MATERIEL MANAGEMENT.	1	3	5	7	9
79. AVIATION LOGISTICS.	1	3	5	7	9
80. SPECIAL OPERATIONS.	1	3	5	7	9
81. GRAVES REGISTRATION.	1	3	5	7	9
82. PETROLEUM MANAGEMENT.	1	3	5	7	9
83. SUBSISTENCE MANAGEMENT.	1	3	5	7	9
84. AERIAL DELIVERY & MATERIEL.	1	3	5	7	9
85. SUPPLY & MATERIEL MANAGEMENT.	1	3	5	7	9
86. TRAFFIC MANAGEMENT.	1	3	5	7	9
87. MARINE & TERMINAL OPERATIONS.	1	3	5	7	9
88. HIGHWAY/RAIL TRANSPORTATION.	1	3	5	7	9
89. CHEMICAL MUNITIONS & MATERIEL MANAGEMENT.	1	3	5	7	9
90. WAR RESERVES.	1	3	5	7	9
91. THE ARMY MAINTENANCE SYSTEM.	1	3	5	7	9
92. ENERGY MANAGEMENT.	1	3	5	7	9
93. MEDICAL SERVICES.	1	3	5	7	9
94. THEATER LOGISTICS.	1	3	5	7	9
95. CORCOM OPERATIONS.	1	3	5	7	9
96. DEPOT OPERATIONS.	1	3	5	7	9
97. LOGISTICS OVER THE SHORE.	1	3	5	7	9
99.	1	3	5	7	9
IX. LEADERSHIP INCLUDES:					
100. ALCOHOL AND DRUG ABUSE.	1	3	5	7	9
101. BATTLEFIELD LEADERSHIP.	1	3	5	7	9
102. COMMAND INFORMATION.	1	3	5	7	9
103. LEADERSHIP TECHNIQUES.	1	3	5	7	9
104. PROBLEMS OF COMMAND.	1	3	5	7	9
105. PROFESSIONALISM AND ETHICS.	1	3	5	7	9
106. RACE RELATIONS.	1	3	5	7	9
107.	1	3	5	7	9
108.	1	3	5	7	9

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

KNOWLEDGE
MAKE SIGNIFICANT CONTRIBUTION
(THORNTON, RESEARCH, DATA) TO
GROUP DISCUSSION; COULD WORK
NATION AT CORPS OR LOWER
LEVEL.

FAMILIARITY
READ OR LISTEN SMOOTHLY
1. BACKGROUND INCLUDES
BASIC TERMS, CONCEPTS
AND RELATIONSHIPS.

UNDERSTANDING
WRITE ESSAY OR TERM PAPER;
GIVE 1 HOUR CLASS AT THE
WAR COLLEGE; OBJECTIVELY
EVALUATE ALTERNATIVES; COULD
WORK ACTION IN THIS SUBJECT
AT DA, JCS OR MACOM LEVEL.

APPLICATION
LEAD A STUDY PROJECT;
HEAD A TASKFORCE;
PROVIDE COUNSEL OR ANSWER
A SENIOR LEADER (3 OR 4
STAR) QUESTION IN THIS
SUBJECT.

1. INTELLIGENCE INCLUDES:

109. COLLECTION.	1	2	3	4	5	6	7	8	9
110. ANALYSIS.	1	2	3	4	5	6	7	8	9
111. PRODUCTION.	1	2	3	4	5	6	7	8	9
112. TACTICAL.	1	2	3	4	5	6	7	8	9
113. STRATEGIC.	1	2	3	4	5	6	7	8	9
114. INHERENT.	1	2	3	4	5	6	7	8	9
115. COMBAT INTELLIGENCE.	1	2	3	4	5	6	7	8	9
116. SIGNALS INTELLIGENCE/ELECTRONIC	1	2	3	4	5	6	7	8	9
117. WARFARE.	1	2	3	4	5	6	7	8	9
118. RESEARCH & DEVELOPMENT OF INTELLIGENCE	1	2	3	4	5	6	7	8	9
119. COLLECTION MEANS.	1	2	3	4	5	6	7	8	9
120.	1	2	3	4	5	6	7	8	9
21. FIGHTING THE FORCE INCLUDES:									
121. LIGHT INFANTRY TACTICS.	1	2	3	4	5	6	7	8	9
122. ARMORED FORCE TACTICS.	1	2	3	4	5	6	7	8	9
123. AVIATION TACTICS.	1	2	3	4	5	6	7	8	9
124. NUCLEAR WEAPONS CONTROL.	1	2	3	4	5	6	7	8	9
125. COMBAT OPERATIONS REAR.	1	2	3	4	5	6	7	8	9
126. PRISONER OF WAR OPERATIONS.	1	2	3	4	5	6	7	8	9
127.	1	2	3	4	5	6	7	8	9
128.	1	2	3	4	5	6	7	8	9
31. SPACE OPERATIONS INCLUDES:									
129. ACTIVITIES ASSOCIATED WITH THE USE &	1	2	3	4	5	6	7	8	9
DEVELOPMENT OF SPACE AS A THEATER OF									
OPERATIONS.	1	2	3	4	5	6	7	8	9
130.	1	2	3	4	5	6	7	8	9
131.	1	2	3	4	5	6	7	8	9
41. LAW AND LAW ENFORCEMENT INCLUDES:									
132. ADMINISTRATION OF MILITARY JUSTICE.	1	2	3	4	5	6	7	8	9
133. INTERNATIONAL LAW GOVERNMENT PROCEDURE.	1	2	3	4	5	6	7	8	9
134. LOCAL ASPECTS OF DISCIPLINE, LAW AND ORDER.	1	2	3	4	5	6	7	8	9
135. REMEDIATION.	1	2	3	4	5	6	7	8	9
136.	1	2	3	4	5	6	7	8	9
137.	1	2	3	4	5	6	7	8	9
138.	1	2	3	4	5	6	7	8	9

LEXSYS SURVEY AY 89

LEVEL OF EXPERTISE

	APPLICATION		UNDERSTANDING		KNOWLEDGE		FAMILIARITY		AWARENESS	
	LEAD A STUDY PROJECT; HEAD A TASKFORCE; PROVIDE COUNSEL OR ANSWER A SENIOR LEADER (3 OR 4 STAR) QUESTION IN THIS SUBJECT.		WRITE ESSAY OR TERM PAPER; GIVE 1 HOUR CLASS AT THE NAME COLLEGE; OBJECTIVELY EVALUATE ALTERNATIVES; COULD MORE ACTION IN THIS SUBJECT AT DA, JCS OR MACOM LEVEL.		MAKE SIGNIFICANT CONTRIBUTION (THEORY, RESEARCH, DATA) TO GROUP DISCUSSION; GIVE 30 MINUTE PRESENTATION; COULD WORK ACTION AT CORPS OR LOWEN LEVEL.		READ OR LISTEN SPOOTNLY, I.E. BACKGROUND INCLUDES BASIC TERMS, CONCEPTS AND RELATIONSHIPS.		READ OR LISTEN, BUT WITH FREQUENT PAUSES TO RECALL MEANING AND RELATIONSHIPS.	
III. JOINT AND COMBINED OPERATIONS INCLUDES:										
139. AIRSPACE CONTROL.	1	2	3	4	5	6	7	8	9	
140. COMBINED COMMAND OPERATIONS.	1	2	3	4	5	6	7	8	9	
141. DEFENSE COMMUNICATIONS ASPECT.	1	2	3	4	5	6	7	8	9	
142. INTEROPERABILITY.	1	2	3	4	5	6	7	8	9	
143. JOINT AIRBORNE OPERATIONS.	1	2	3	4	5	6	7	8	9	
144. JOINT AIRBORNE PLANNING.	1	2	3	4	5	6	7	8	9	
145. JCS/JCS STAFF PLANNING.	1	2	3	4	5	6	7	8	9	
146. WORLD WIDE MILITARY COMMAND AND CONTROL SYSTEM.	1	2	3	4	5	6	7	8	9	
147. _____	1	2	3	4	5	6	7	8	9	
148. _____	1	2	3	4	5	6	7	8	9	
IV. SECURITY ASSISTANCE INCLUDES:										
149. INSURGENCY OPERATIONS.	1	2	3	4	5	6	7	8	9	
150. INTERNAL DEFENSE AND DEVELOPMENT.	1	2	3	4	5	6	7	8	9	
151. NAME/MISSION/HILGROUP OPERATIONS.	1	2	3	4	5	6	7	8	9	
152. MILITARY ASSISTANCE.	1	2	3	4	5	6	7	8	9	
153. SECURITY ASSISTANCE TRAINING PROGRAMS.	1	2	3	4	5	6	7	8	9	
154. TERRORISM.	1	2	3	4	5	6	7	8	9	
155. UNCONVENTIONAL WARFARE.	1	2	3	4	5	6	7	8	9	
156. _____	1	2	3	4	5	6	7	8	9	
157. _____	1	2	3	4	5	6	7	8	9	
V. FOREIGN AREA (WRITE IN COUNTRY OR AREA)										
158. _____	1	2	3	4	5	6	7	8	9	
159. _____	1	2	3	4	5	6	7	8	9	

Please write in your mail
box number _____

AWC GENERAL CODING FORM

Box #(1-3)--must be three digits.
EXAMPLE: Use "004" for Box #4.

Please answer questions 4-159 in
rows 4-159. Use a number 2 pencil.

Mark your answers by drawing a
horizontal line through the number
in the appropriate column which
corresponds to your desired response.

DO NOT STAPLE THIS FORM.

RETURN THE COMPLETED ANSWER SHEET AND
THE SURVEY FORM TO THE DISTRIBUTION
SLOT IN THE MAILROOM BY 15 NOVEMBER
1988.

AREA
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MARK
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DO

SURVEY INSTRUMENTS AND RESULTS

TAB C

HISTORICAL DATA

The frequency of response for each of the 124 various subject areas was validated by our review of historical data. Based on the data collected using the 1988 Baseline Assessment Survey, the LEXSYS team concluded that an "expert" possesses a level 3 (working knowledge) to level 5 (subject matter expert) range of expertise. A thorough analysis of the results revealed that these levels are an extremely reliable measurement of the categories listed.

Due to the volume of analytical data collected, it was impractical to include this information as part of our report. Data was provided to the Army FORUM office under separate cover.

SURVEY INSTRUMENTS AND RESULTS

TAB D

LETTERS OF INTRODUCTION AND INSTRUCTION

Generic Letters of Introduction and Instruction to be sent potential Proponents/Issue Facilitators are provided at this tab.

INDEX:

<u>TOPIC</u>	<u>PAGE(s)</u>
Letter to Proponent	H-D-2
Letter to Issue Facilitator	H-D-3 thru H-D-5
Draft Issue Agenda	H-D-6 thru H-D-7

DRAFT LETTER

PROPONENT OF AN ISSUE

DATE

Dear NAME,

Last year the Vice Chief of Staff, Army, sponsored the Living Expert System (LEXSYS), an innovative off line decision making concept, as a study effort at the U.S. Army War College (USAWC). The objective of the study was to determine the feasibility of using computer teleconferencing to bring together Army subject matter experts to resolve senior leader issues. A team from the USAWC Class of 19XX studied the LEXSYS concept and conducted a prototype test using a Chief of Staff, Army, training issue. The results were briefed to the Vice Chief in DATE 19XX. During the briefing, he appointed the Director of Management, Office of the Chief of Staff, as the LEXSYS proponent.

This academic year we are refining the LEXSYS process. We request your support in this effort. Our goals are to expand the expert data base and, using LEXSYS, to address some of the pressing issues that the Army faces.

Last year, the Commandant of USAWC, sent a letter to all of the CINC's, TRADOC, etc... asking if there were any pressing issues that they might want a USAWC student to devote his/her Military Studies Project (MSP) to. MG NAME, USAREUR & Seventh Army (APO 09403), sent back a list of possible study topics. One of these was Helicopter Deep Attack/Cross FLOT operations, focusing on gaining a better insight into how best to employ the newest weapons in the Army's inventory. It appears that this same topic (AH-64/OH-58C Warfighting Tactics, Techniques, and Procedures) surfaced at last year's Aviation Brigade Commanders conference (DATE 19XX). This is exactly the kind of issue LEXSYS is best suited to help resolve.

Through informal contact, NAME has indicated an interest in joining the team. I believe that LEXSYS shows promise in a future of fiscal constraints. The concept offers a means to implements staff action across a broad base of experts via the temporary establishment of adjunct staffs. Integrated with other forms of conferencing such as video, significant manpower and TDY savings could be realized. With your support we can continue to expand the utility of this concept.

The LEXSYS can provide you with any additional information you might want. I am mailing NAME an information packet today that should answer most of your questions. The faculty Point of contact is Colonel NAME, AUTOVON 242-XXXX. Please feel free to call me at the same number or call me at home, (717-XXX-XXXX).

NAME
Student USAWC

DRAFT LETTER

ISSUE FACILITATOR

DATE

Dear NAME,

In 19XX the Vice Chief of Staff of the Army, was briefed on a concept using a computer assisted, teleconferencing system designed to connect "World Wide" experts to address the most pressing needs of the Army. This system is called, the Living Expert System or LEXSYS. Last year, the concept was validated and showed such great potential as a decision support mechanism for the Army, that the current Chief of Staff has again task USAWC to do additional research.

LEXSYS will provide NAME (Dept/Br.) the following advantages:

First, it will enhance both the quantity and quality of subject matter experts available to SOLVE or WORK ON a problem/issue.

Second it is economical. LEXSYS will provide you the best experts for a study group and at the same time negate most of the reasons why personnel are not available to participate.

Finally, this is an asynchronous system which allows participants the flexibility to fit the study effort into their schedules and eliminates schedule adjustment that is often required with face-to-face conferences. This approach will also make it easier for experts to share their knowledge and thus will encourage and facilitate this kind of sharing.

Additionally, LEXSYS will have quicker and easier access to expert knowledge and insights. It will also reduce the need to bring study groups/working groups together at a central location which will result in substantial savings in Temporary Duty (TDY) funds and in time lost due to travel.

The LEXSYS Manager (that's me) and the Issue Facilitator (that's you) are the two key players in making this whole system work. In an effort to simplify the understanding of the entire process I've prepared the following sequence of activities needed to utilize LEXSYS:

1. The issue/problem is identified by a senior leader or command. This leader or command is identified as the proponent of the issue.

2. The proponent will provide a person to be the LEXSYS Issue Facilitator (IF) who functions as a leader, manager, administrator, facilitator of decision, and integrator of concepts and ideas. Thus, the Issue Facilitator functions as the "Chief of Staff" and provides the results to the senior executive who requested or directed the study.

Issue Facilitators Responsibilities:

- a. A detailed problem or issue statement, i.e., the nature and complexity of the selected issue.
 - b. Any assumptions, facts, or guidance.
 - c. Scope and depth of the effort.
 - d. Suspense, are there any time constraints (Issue Agenda with milestones).
3. The LEXSYS Manager in coordination with the Issue Facilitator makes a talent bank search for personnel with the necessary expertise in the field of the issue or problem. Because this is a test issue, the LEXSYS Manager will make personnel contacts if required to seek more expertise for the study.
 4. All expert nominations are submitted to the proponent for selection of members who will make up the study group. The size of the study group is determined through the selection process.
 5. The selected personnel are contacted by the Issue Facilitator (LEXSYS Manager is available to assist) seeking their agreement to participate in the study group effort. Final approval of the study group is given by the proponent.
 6. An issue subnet is established on LEXSYS by the LEXSYS Manager, and tutorial training is given to study group participants who need it on the use of computer teleconferencing in study group efforts.
 7. The Issue agenda is published by the Issue Facilitator and agreed upon by the study group.
 8. The study group participates in issue discussion and alternative formulation, using computer teleconferencing in lieu of face-to-face centralized meetings.

9. The study group completes analysis/comparison/testing of possible alternatives/solutions/recommendations as appropriate. Then they are presented by the Issue Facilitator to the proponent for acceptance.
10. The proponent accepts the results of the study group or provides additional guidance and the discussion/analysis/selection process is repeated by the study group until results are acceptable to the proponent.
11. When the proponent is satisfied with the work group efforts, feedback is provided by the proponent and appropriate recognition is given for the participants' voluntary efforts...letter of appreciation, personal thank you note, etc...
12. Upon study group completion, the LEXSYS Manager terminates the issue subnet on LEXSYS, updates the participating experts' credentials in the LEXSYS talent data bank, and stores a record of issue discussions in the LEXSYS data bank for future reference.

In case your wondering, there is no problem with participants using their own personal computers. Hopefully, many Subject Matter Experts will choose to use LEXSYS at work and after duty hours (at home). The Director of Information Management, Department of the Army, published guidance for the use of personal computers and software in a letter, dated 3 April 1987. The guidance provides that personal computers may be used to conduct Army business, but that the files or data produced belong to the government. Furthermore, an individual using his/her personal computer for government work, such as LEXSYS, may not request remuneration for expenses incurred.

I've enclosed an information packet, See Enclosure 1, that will get one of your computer whiz kids up to speed on how to plug into the Army FORUM Net so we can start talking to each other by using computers. Please send the information requested above in Paragraph 2.a-d and we'll start working the issue.

Look forward to working with you. Call me at home if you need any additional information, 717-XXX-XXXX.

NAME
Student USAWC

DRAFT

ISSUE AGENDA

DATE

DEEP ATTACK / CROSS FLOT

PROBLEM STATEMENT:

How best to determine the proper/correct aircraft type/mix of the AH-64, OH-58C or AH-58D (Attack-Scout mix) to conduct a Deep Attack or Cross FLOT Operations.

SCOPE & DEPTH:

Using the current technological advantages and maneuverability of today's weapon systems, explore and determine correct Tactics, Techniques & Procedures needed to fight and win in a European Environment.

DESIRED RESULTS: Produce Doctrine that takes advantage of these systems and provide information necessary to publish current and future Army Aviation "How To" manuals.

SUSPENSE/MILESTONES:

AGENDA

<u>DATE/SUSPENSE</u>	<u>ACTION</u>	<u>RESPONSIBILITY</u>
_____	Identify Issue or Problem.	Senior Leader of Command (PROPONENT)
_____	Identify Issue Facilitator (IF) along with detailed Responsibilities: a. A detailed problem or issue statement. b. Any assumptions, facts or guidance. c. Scope and depth of the effort. d. Suspense or issue Milestones	PROPONENT (IF)
_____	Conduct search for Subject Matter Experts.	PROPONENT LEXSYS Mgr
_____	Selects Subject Matter Experts & size of study group.	PROPONENT

_____	Notify Subject Matter Experts. Experts & final approval of study group.	PROPONENT
_____	Publish Issue Agenda on LEXSYS subnet.	LEXSYS Mgr
_____	Study Group participates in issue discussions and alternatives formulations.	PROPONENT & LEXSYS Mgr
_____	1st Draft Due... Completes analysis/comparison/ testing of possible alternatives/ solutions/recommendations.	PROPONENT
_____	2nd Draft Due... Proponent accepts results or gives additional guidance.	PROPONENT
_____	Final Draft	PROPONENT
_____	Issue subnet terminated, participating experts' credentials entered into the LEXSYS talent data bank issue discussions stored for future reference.	LEXSYS Mgr

SURVEY INSTRUMENTS AND RESULTS

TAB E

EXPERT DATA BASE USER INSTRUCTIONS

1. Use of the expert data base requires access to dBASE III PLUS and a basic understanding of this data base management program.

2. The expert data base was produced on a 3 1/2 inch disk; however, the information can be copied to a hard disk (C Drive) or 5 1/4 inch disks as required. If dBASE III PLUS is operated from a hard disk, that the expert data base should also reside on the hard disk.

3. Load dBASE III PLUS and set the program to the "dot" prompt. This can be accomplished by pressing the "ESC" key after the program is fully loaded.

4. At the "dot" prompt, type "DO LEXSYS" and press the "RETURN" key.

5. The following text will appear on the monitor:

EXPERT DATA BASE MENU

1. SEARCH BY SUBJECT NUMBER
2. SEARCH BY SUBJECT CATEGORY
3. SEARCH BY LAST NAME
4. ADD NEW NAME
5. ADD NEW DATA
6. EDIT DATA BASE
7. EXIT EXPERT DATA BASE

Enter your choice (1-6) from above:

6. Choose the desired function and press the corresponding number. —

7. If #2 was selected, the program will respond with the following:

What is the subject number?

The user would then select a number (3 digits) on the keyboard that represents one of the military related subjects outlined in Appendix F. For example, if the LEXSYS user required information on subject #45, the user must type "045", the program would extract the identity of those individuals (by-name) that are experts in REFORGER Operations.

8. As shown in the expert data base menu, other options are available to the user. A brief explanation of each choice is explained below:

1. ADD NEW NAMES. This option uses the dBASE III PLUS "APPEND" command as a subordinate program and should be used when entering new names.

2. SEARCH BY SUBJECT NUMBER. As discussed previously, this option automatically executes a subordinate program called "SUBJ.PRG" that sorts by subject number. All numbers must be entered as 3 digits.

3. SEARCH BY SUBJECT CATEGORY. This option uses a subordinate program called "GENSUBJ.PRG" that sorts by subject category. A subject category contains multiple subject numbers and can be accessed by typing a corresponding Roman numeral.

4. SEARCH BY LAST NAME. This option uses a subordinate program called "LNAME.PRG" that sorts by last name.

5. EDIT DATABASE. This option uses the dBASE III PLUS "BROWSE" command as a subordinate program to edit or view the data base and to enter new data.

6. EXIT EXPERT DATA BASE. This option uses the dBASE III PLUS "EXIT" command to return to the "dot" prompt.

9. Additional information and assistance can be obtained from the Automation Management Office, U.S. Army War College, Carlisle Barracks, Pennsylvania.

SURVEY INSTRUMENTS AND RESULTS

TAB F

LETTER OF INVITATION

A Letter of Invitation to the U.S. Army War College Class of 1988 graduates, from the Vice Chief of Staff of the Army, to reregister on the LEXSYS subnet was mailed on 8 February 1989.

Sixty-six graduates responded with an affirmative desire to renew their LEXSYS registration.

A sample letter is at page H-F-2.



DEPARTMENT OF THE ARMY
OFFICE OF THE CHIEF OF STAFF
WASHINGTON, DC 20310-0200



08 FEB 1989

Lieutenant Colonel Rodney D Burns
417 Linwood Drive
Bethel Park, Pennsylvania 15102

Dear Lieutenant Colonel Burns:

While at the War College, you participated in a computer assisted, teleconferencing system entitled LEXSYS. LEXSYS electronically networks experts from across the country and around the world to address the most pressing needs of the Army.

Several students from the War College Class of 1988 developed LEXSYS as a Military Studies Project. They were successful in documenting the validity of this concept. As a result, the Director of Management has become the proponent for this vital system. We are supporting additional prototype testing of the concept by a group of students in the War College Class of '89.

Accordingly, I invite you to renew your registration in this continuing project. You have a significant level of expertise on several subjects that are of vital interest to the Army. I believe that your capability to contribute is paramount. Your support of this project will assist the War College study group in updating the existing data base. Further, the possibility exists that your participation in developing a prototype issue requiring your expertise will occur.

Please respond to the LEXSYS study team at the War College via the enclosed envelope.

I sincerely appreciate your continuing interest in this study project.

Sincerely,

ROBERT W. RISCASSI
General, United States Army
Vice Chief of Staff